

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055040.D
 Acq On : 01 Sep 2023 14:29
 Operator : MD/SY
 Sample : VSTD02053
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 23:24:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:21:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	199521	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	200793	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	115058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	195524	28.413	ug/L	0.00
7) Chloroethane-d5	1.904	69	255675	29.336	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	116610	29.815	ug/L	0.00
20) 2-Butanone-d5	4.621	46	637933	193.400	ug/L	0.00
24) Chloroform-d	5.058	84	553629	23.342	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	266403	21.356	ug/L	0.00
32) Benzene-d6	5.724	84	1082579	23.306	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	342317	21.601	ug/L	0.00
41) Toluene-d8	7.894	98	1020586	23.149	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	104433	20.547	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	457252	192.959	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	247552	18.722	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	355306	19.656	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	250207	20.248	ug/L	98
3) Chloromethane	1.515	50	246156	19.175	ug/L	97
5) Vinyl chloride	1.602	62	265866	20.117	ug/L	96
6) Bromomethane	1.853	94	168005	20.389	ug/L	99
8) Chloroethane	1.927	64	185036	21.198	ug/L	99
9) Trichlorofluoromethane	2.132	101	383799	20.279	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	224977	21.564	ug/L	99
12) 1,1-Dichloroethene	2.573	96	197265	21.689	ug/L	88
13) Acetone	2.631	43	372914	200.130	ug/L	98
14) Carbon disulfide	2.788	76	484724	19.769	ug/L	99
15) Methyl Acetate	2.949	43	83787	22.327	ug/L	97
16) Methylene chloride	3.039	84	230579	16.077	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	546922	20.969	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	201207	20.458	ug/L	93
19) 1,1-Dichloroethane	3.862	63	433608	20.977	ug/L	98
21) 2-Butanone	4.701	43	602452	211.866	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	247327	21.331	ug/L	98
23) Bromochloromethane	4.968	128	102053	20.216	ug/L	95
25) Chloroform	5.084	83	456270	20.177	ug/L	97
27) 1,2-Dichloroethane	5.788	62	280658	20.326	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	383954	19.502	ug/L	99
30) Cyclohexane	5.383	56	347757	20.132	ug/L	99
31) Carbon tetrachloride	5.521	117	323112	19.345	ug/L	97
33) Benzene	5.769	78	932525	19.862	ug/L	100
34) Trichloroethene	6.541	95	252150	19.517	ug/L	99
35) Methylcyclohexane	6.759	83	373022	19.628	ug/L	100
37) 1,2-Dichloropropane	6.785	63	258376	19.726	ug/L	98
38) Bromodichloromethane	7.100	83	315316	19.631	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	378091	20.362	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	1484141	203.924	ug/L	99
42) Toluene	7.965	91	1023456	19.848	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	313738	20.573	ug/L	97

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

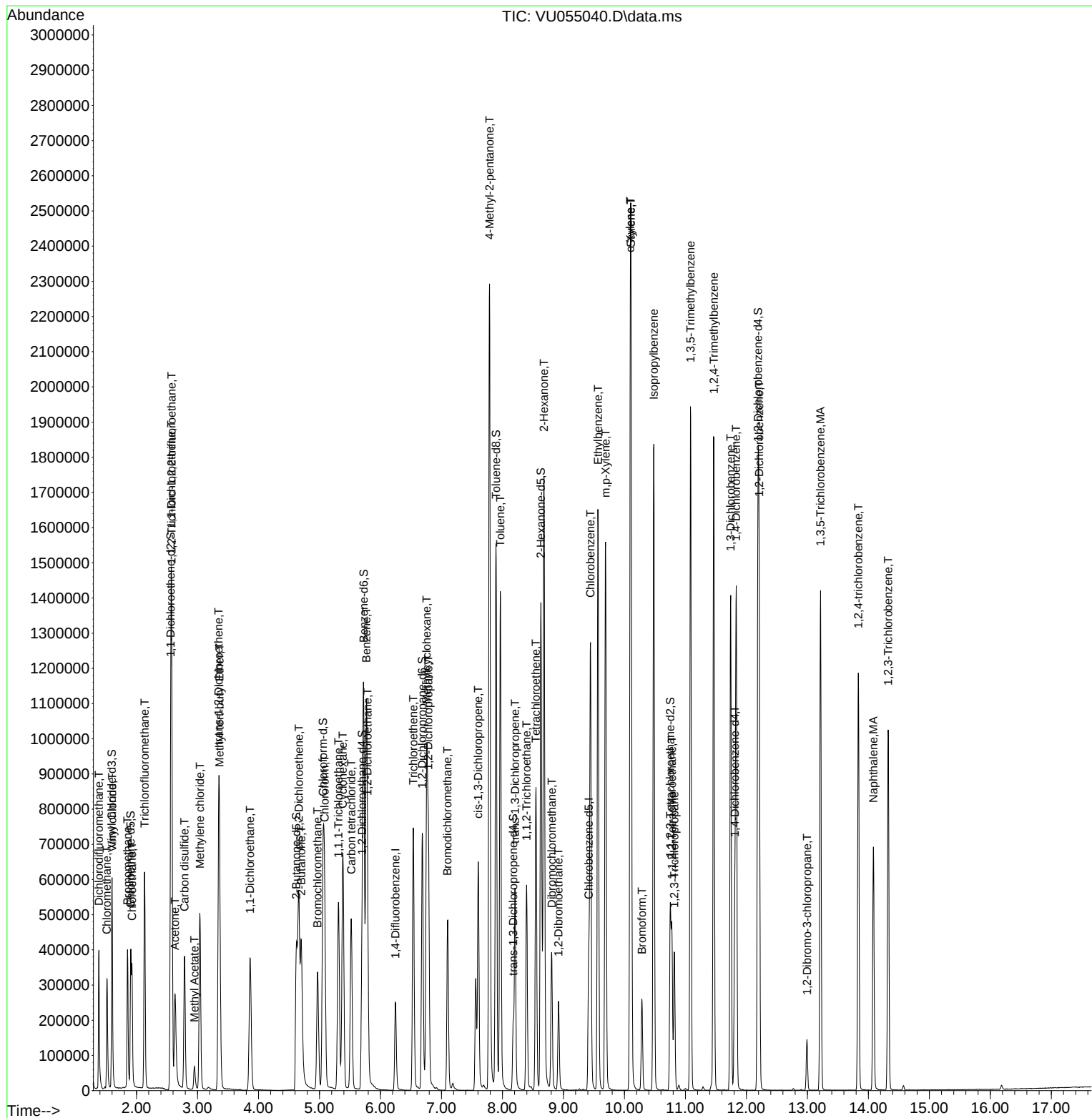
45) 1,1,2-Trichloroethane	8.396	97	177313	20.358	ug/L	96
47) Tetrachloroethene	8.550	164	180913	19.531	ug/L	97
48) 2-Hexanone	8.682	43	1116029	206.179	ug/L	99
49) Dibromochloromethane	8.807	129	199817	19.684	ug/L	96
50) 1,2-Dibromoethane	8.920	107	162570	19.341	ug/L	93
51) Chlorobenzene	9.444	112	653378	19.382	ug/L	98
52) Ethylbenzene	9.566	91	1164843	20.074	ug/L	100
53) m,p-Xylene	9.692	106	440406	20.278	ug/L	97
54) o-Xylene	10.097	106	426721	20.388	ug/L	98
55) Styrene	10.110	104	729059	21.195	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	222066	20.248	ug/L	94
59) Bromoform	10.286	173	111096	20.011	ug/L	95
60) Isopropylbenzene	10.483	105	1178508	19.625	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	159899	18.895	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	1029138	20.094	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	1011398	21.322	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	538899	19.184	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	535461	19.121	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	497701	19.537	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	33641	20.878	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.216	180	403875	21.417	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	329484	22.125	ug/L	97
71) Naphthalene	14.084	128	542315	23.944	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	295395	23.672	ug/L	100

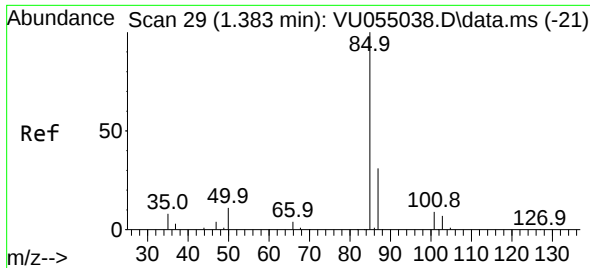
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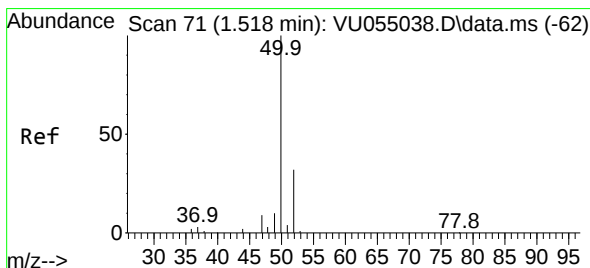
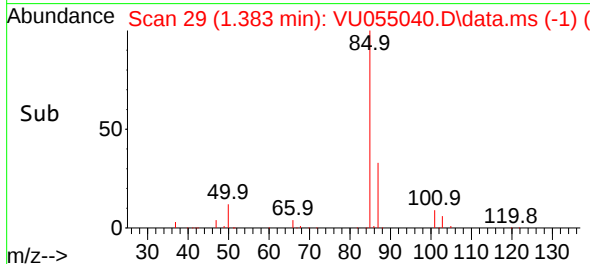
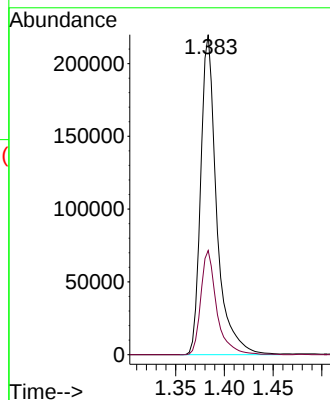
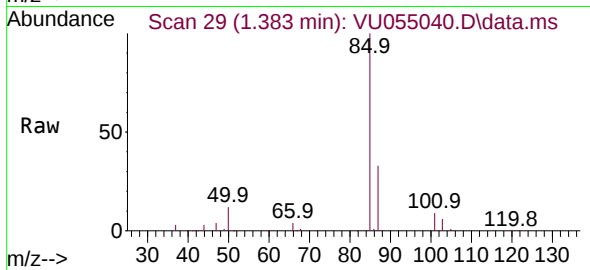




#2
 Dichlorodifluoromethane
 Concen: 20.248 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055040.D
 Acq: 01 Sep 2023 14:29

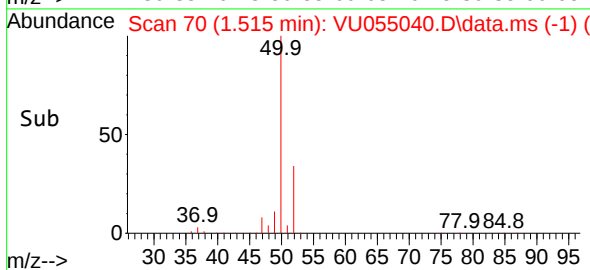
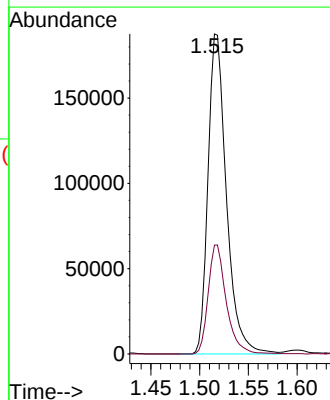
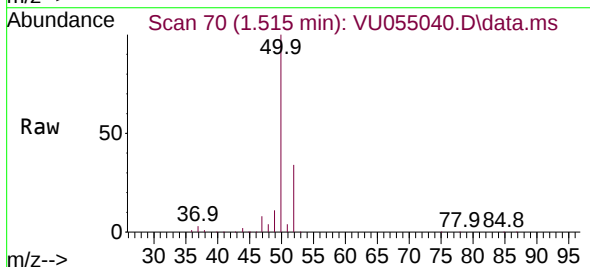
Instrument :
 MSVOA_U
 ClientSampleId :

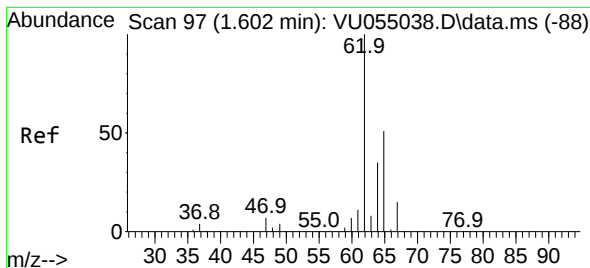
Tgt Ion: 85 Resp: 250207
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.1 37.7



#3
 Chloromethane
 Concen: 19.175 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU055040.D
 Acq: 01 Sep 2023 14:29

Tgt Ion: 50 Resp: 246156
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.5 41.7





#5

Vinyl chloride

Concen: 20.117 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

Instrument :

MSVOA_U

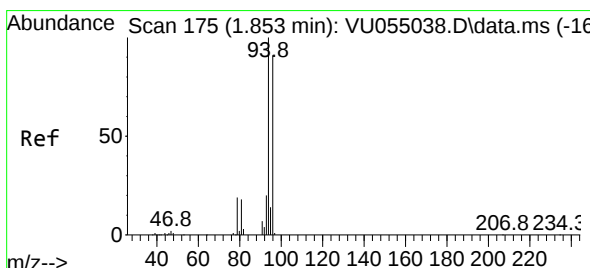
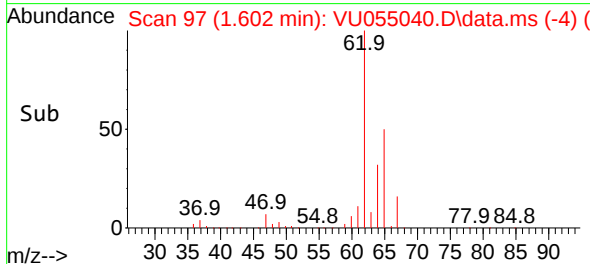
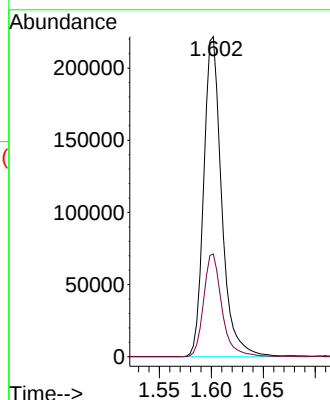
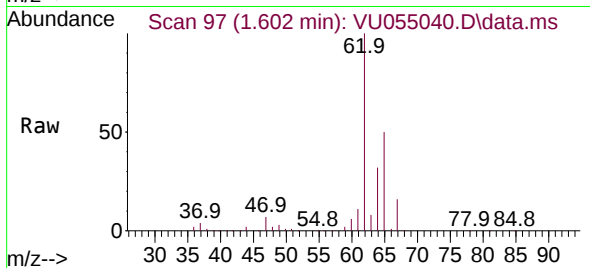
ClientSampleId :

Tgt Ion: 62 Resp: 265866

Ion Ratio Lower Upper

62 100

64 32.1 24.2 45.0



#6

Bromomethane

Concen: 20.389 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU055040.D

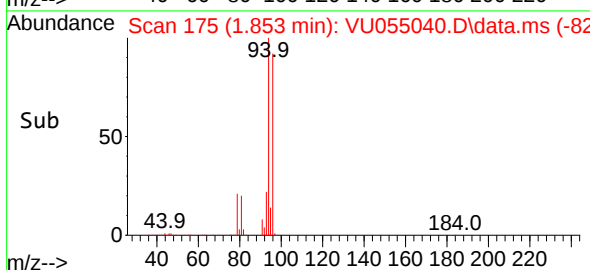
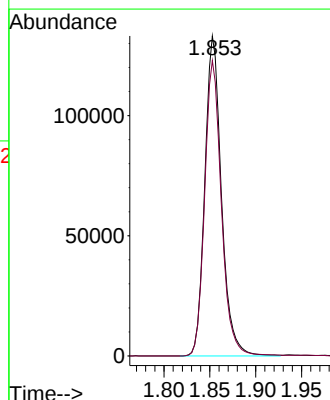
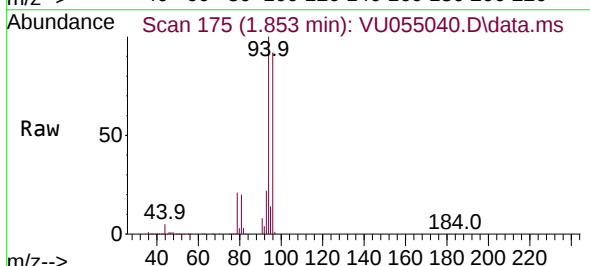
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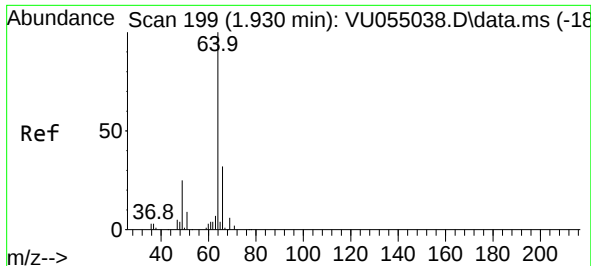
Tgt Ion: 94 Resp: 168005

Ion Ratio Lower Upper

94 100

96 92.3 63.8 118.4

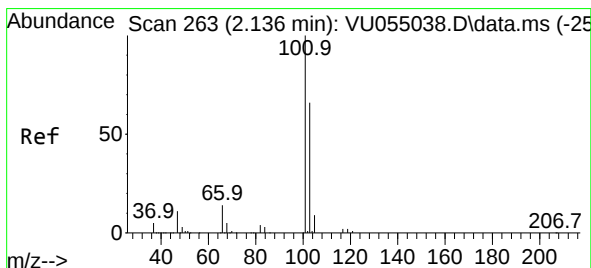
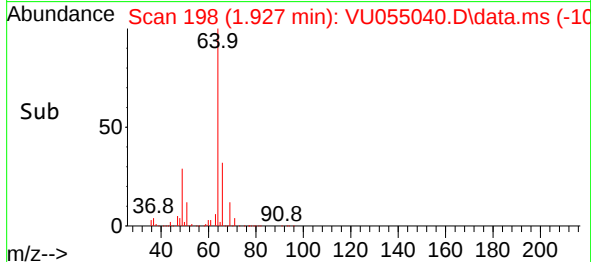
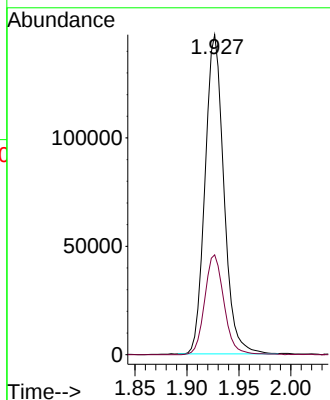
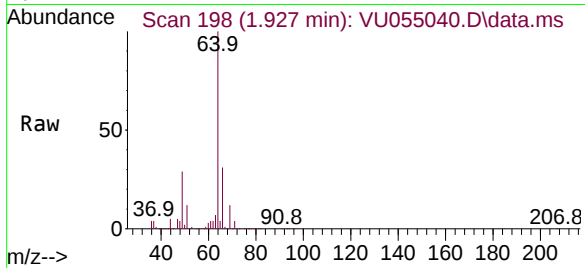




#8
Chloroethane
Concen: 21.198 ug/L
RT: 1.927 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

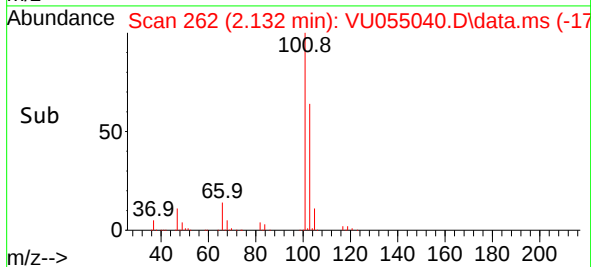
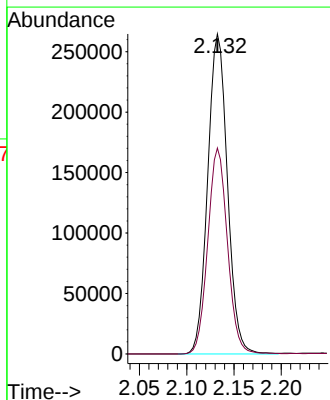
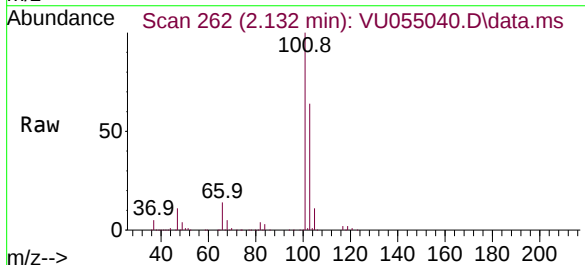
Instrument :
MSVOA_U
ClientSampleId :

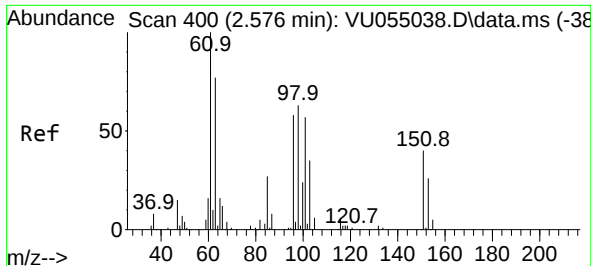
Tgt Ion: 64 Resp: 185036
Ion Ratio Lower Upper
64 100
66 31.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 20.279 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

Tgt Ion:101 Resp: 383799
Ion Ratio Lower Upper
101 100
103 64.2 51.9 77.9

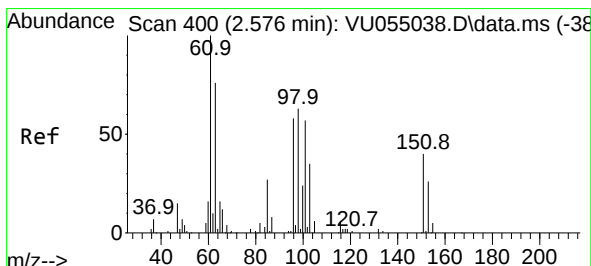
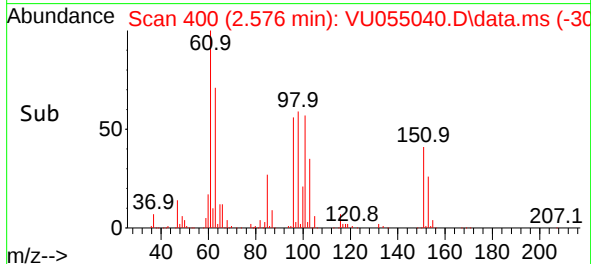
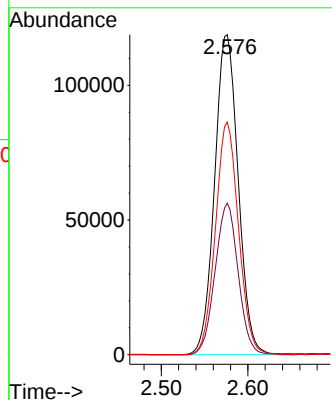
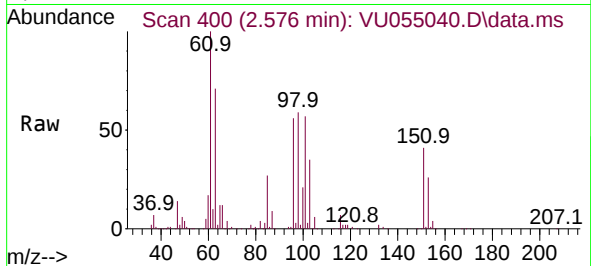




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.564 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

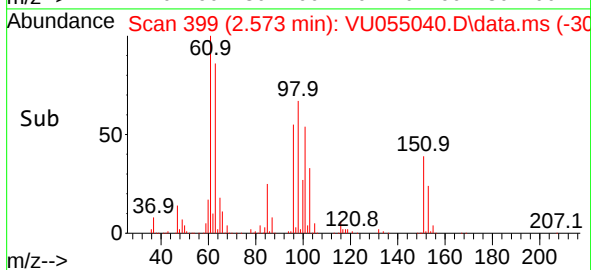
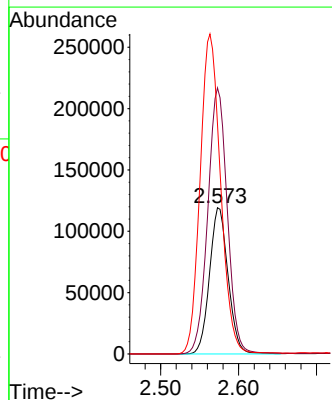
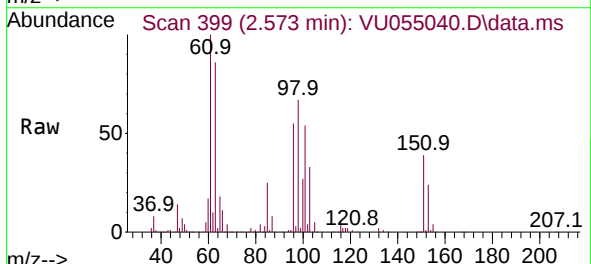
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MSVOA_U
ClientSampleId :

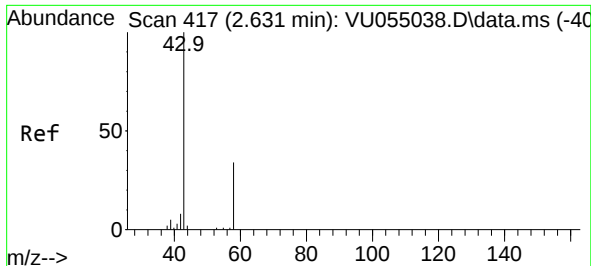
Tgt Ion:101 Resp: 224977
Ion Ratio Lower Upper
101 100
85 46.3 37.3 55.9
151 71.3 57.6 86.4



#12
1,1-Dichloroethene
Concen: 21.689 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

Tgt Ion: 96 Resp: 197265
Ion Ratio Lower Upper
96 100
61 182.0 120.8 224.4
63 157.3 94.5 175.5





#13

Acetone

Concen: 200.130 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.000 min

Lab File: VU055040.D

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Instrument :

MSVOA_U

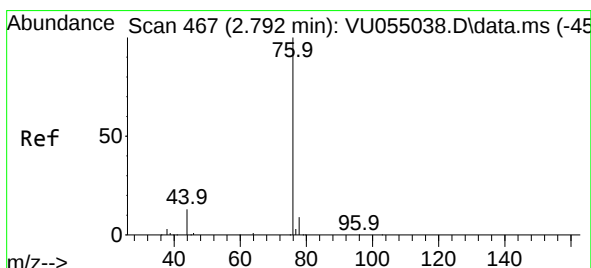
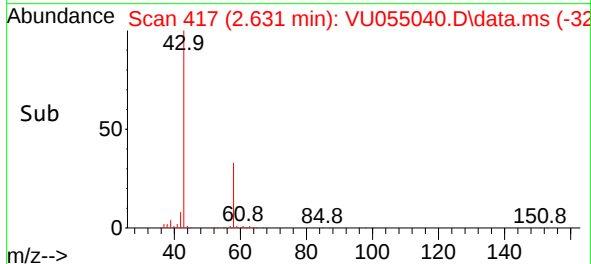
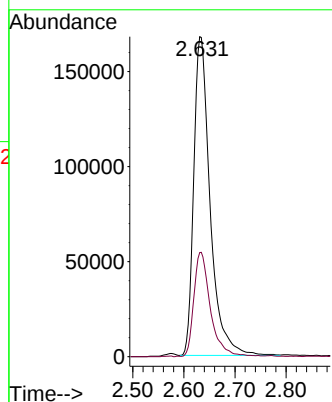
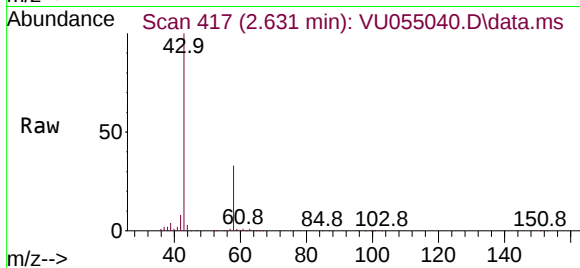
ClientSampleId :

Tgt Ion: 43 Resp: 372914

Ion Ratio Lower Upper

43 100

58 32.9 0.0 67.8



#14

Carbon disulfide

Concen: 19.769 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU055040.D

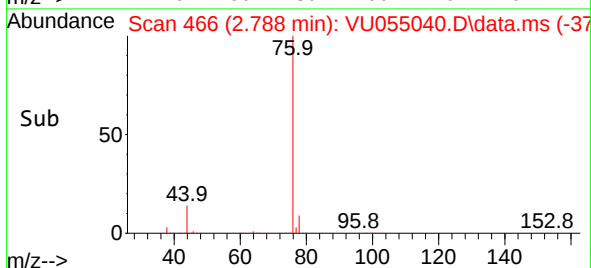
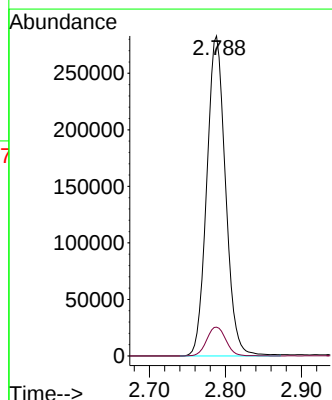
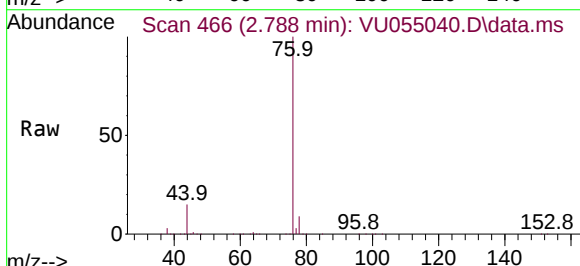
Acq: 01 Sep 2023 14:29

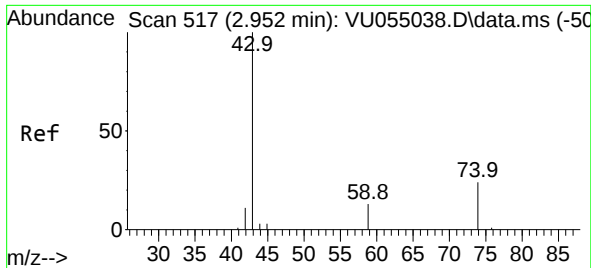
Tgt Ion: 76 Resp: 484724

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2

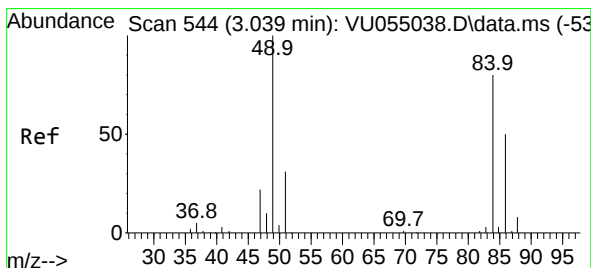
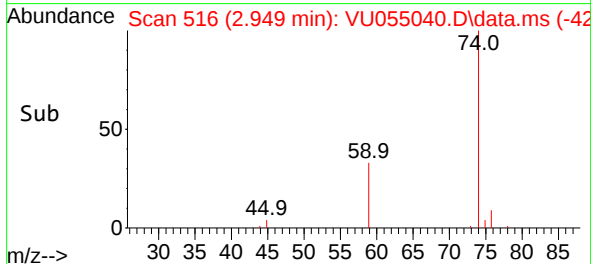
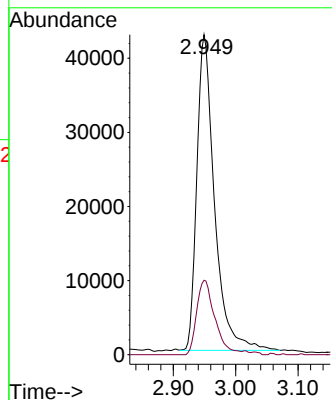
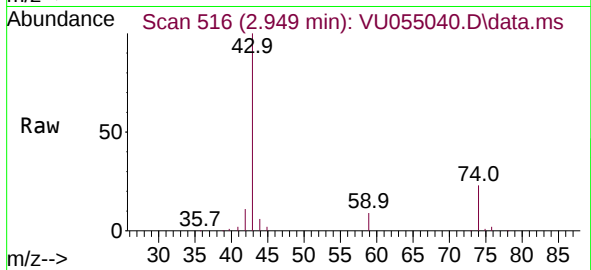




#15
Methyl Acetate
Concen: 22.327 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

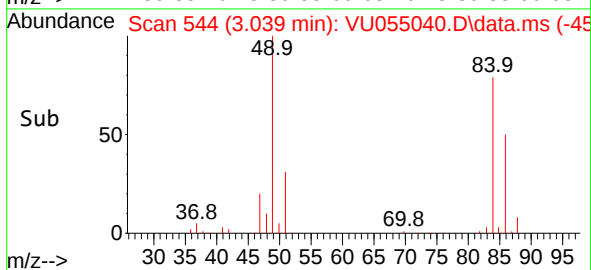
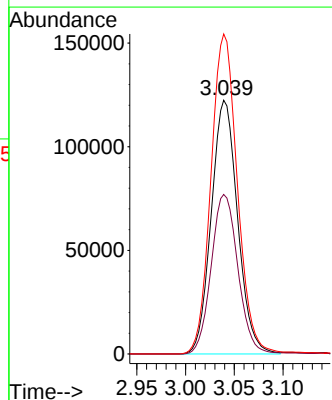
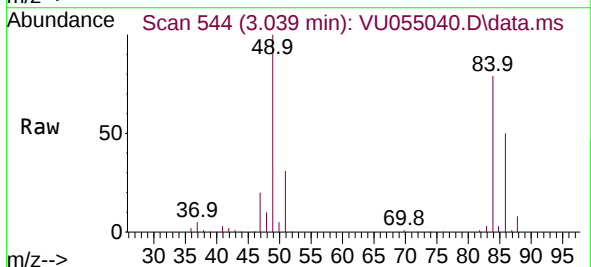
Instrument :
MSVOA_U
ClientSampleId :

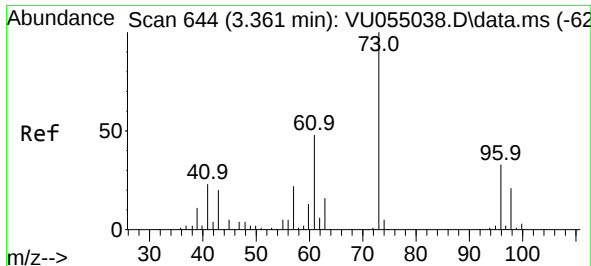
Tgt Ion: 43 Resp: 83787
Ion Ratio Lower Upper
43 100
74 24.3 18.4 27.6



#16
Methylene chloride
Concen: 16.077 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

Tgt Ion: 84 Resp: 230579
Ion Ratio Lower Upper
84 100
86 62.9 43.4 80.6
49 126.1 87.7 162.9

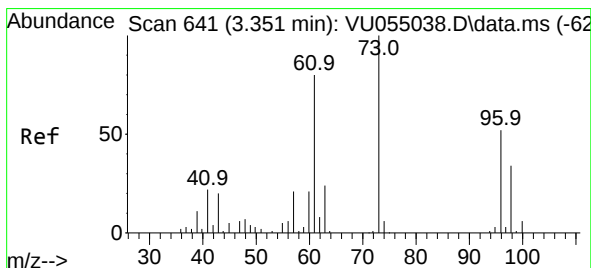
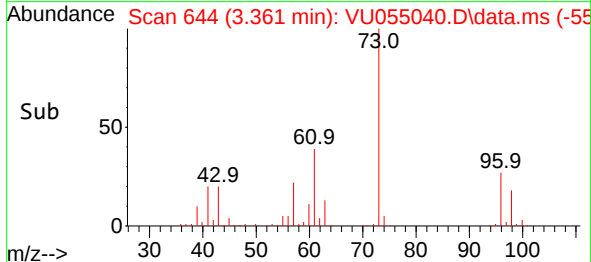
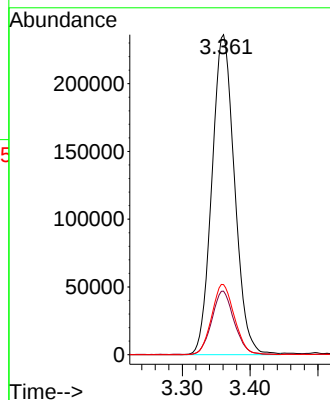
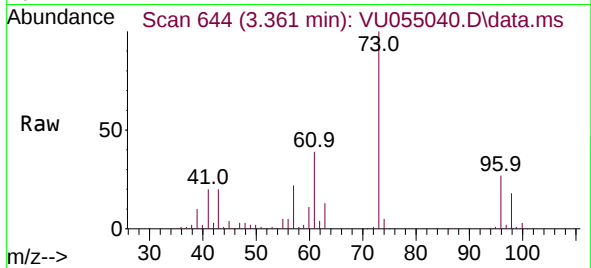




#17
Methyl tert-butyl Ether
Concen: 20.969 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

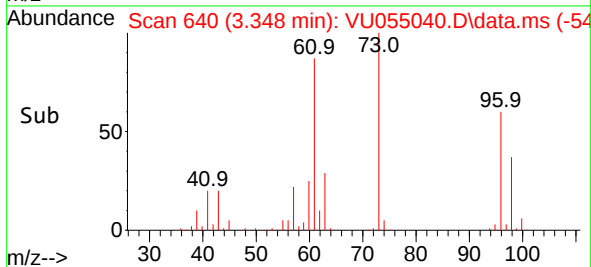
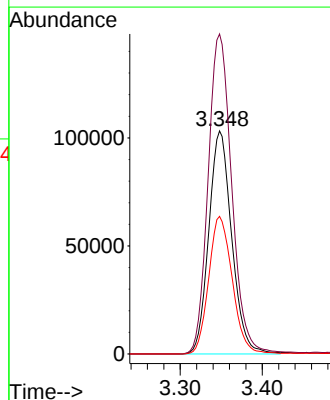
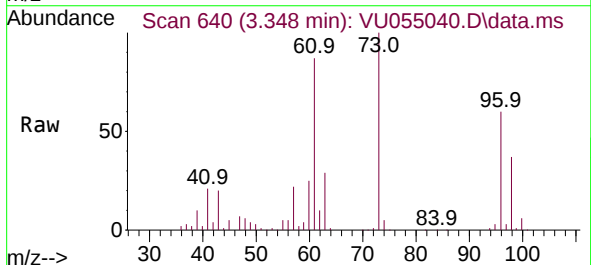
Instrument :
MSVOA_U
ClientSampleId :

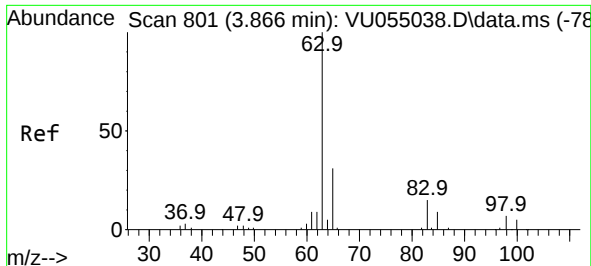
Tgt Ion: 73 Resp: 546922
Ion Ratio Lower Upper
73 100
43 19.4 16.2 24.2
57 22.0 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 20.458 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

Tgt Ion: 96 Resp: 201207
Ion Ratio Lower Upper
96 100
61 143.4 108.1 200.9
98 61.7 45.4 84.4





#19

1,1-Dichloroethane

Concen: 20.977 ug/L

RT: 3.862 min Scan# 801

Delta R.T. -0.003 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

Instrument :

MSVOA_U

ClientSampleId :

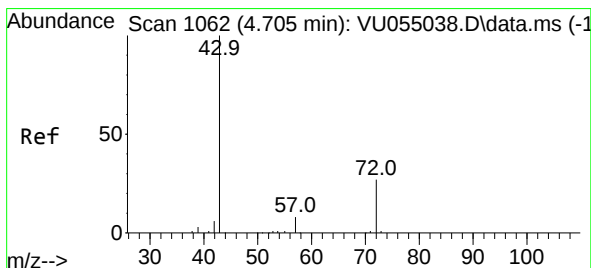
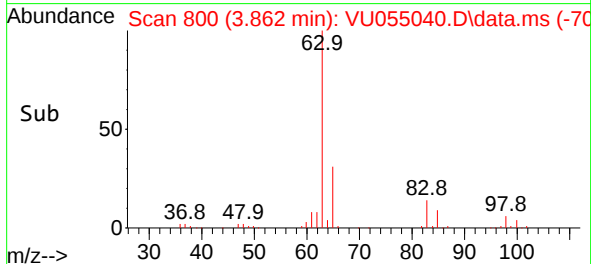
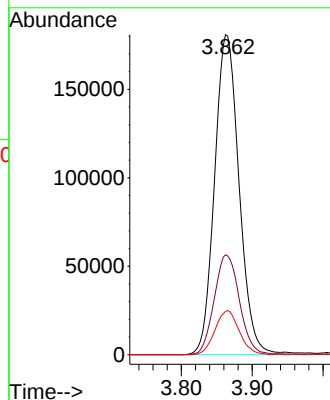
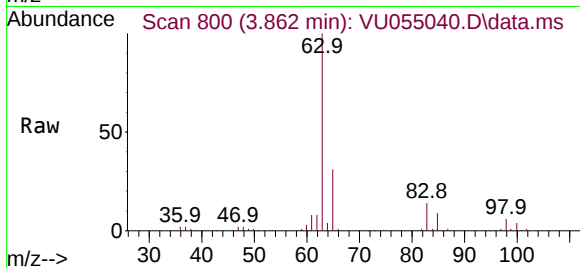
Tgt Ion: 63 Resp: 433608

Ion Ratio Lower Upper

63 100

65 31.2 22.2 41.2

83 13.5 10.6 19.8



#21

2-Butanone

Concen: 211.866 ug/L

RT: 4.701 min Scan# 1061

Delta R.T. -0.003 min

Lab File: VU055040.D

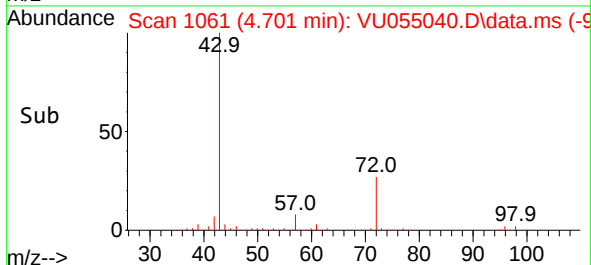
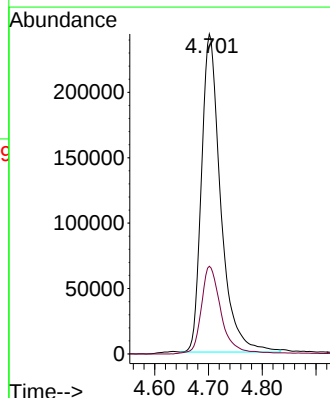
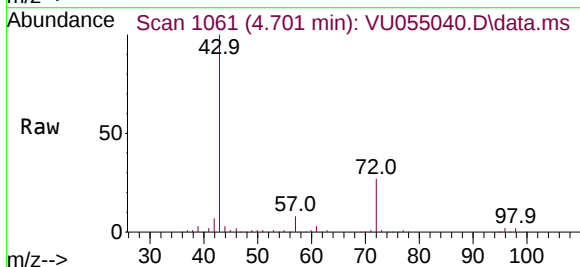
Acq: 01 Sep 2023 14:29

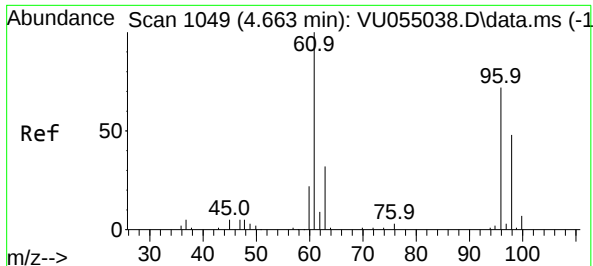
Tgt Ion: 43 Resp: 602452

Ion Ratio Lower Upper

43 100

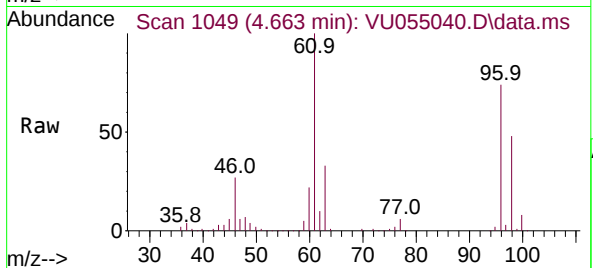
72 28.6 13.5 40.5





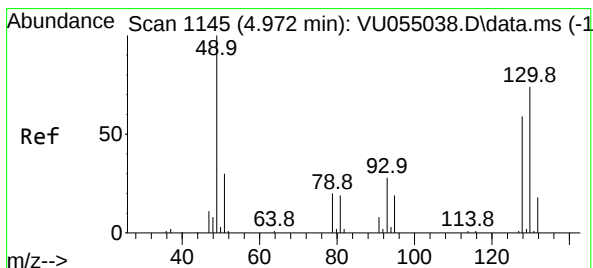
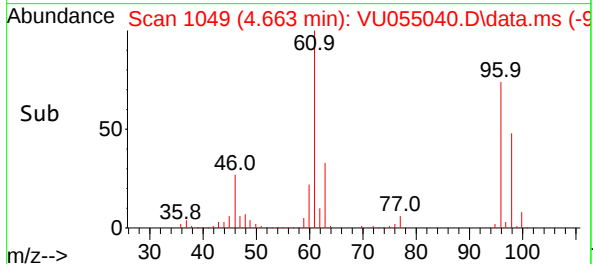
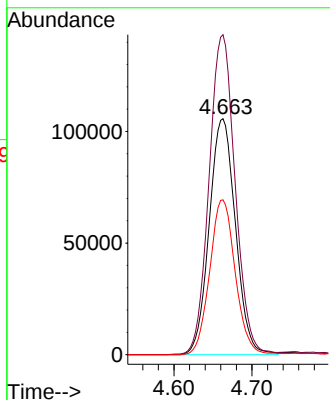
#22
 cis-1,2-Dichloroethene
 Concen: 21.331 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055040.D
 Acq: 01 Sep 2023 14:29

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 247327

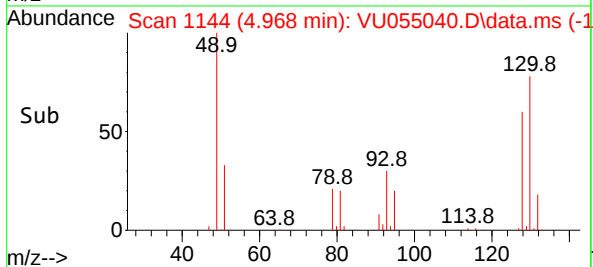
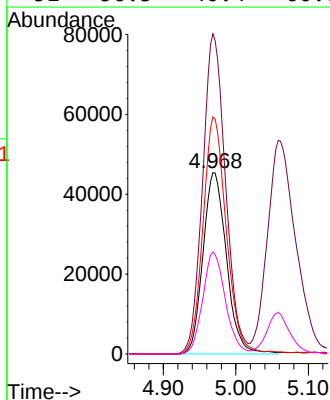
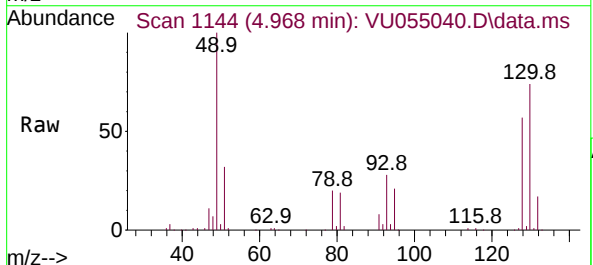
Ion	Ratio	Lower	Upper
96	100		
61	135.6	97.2	180.4
98	65.6	46.1	85.7

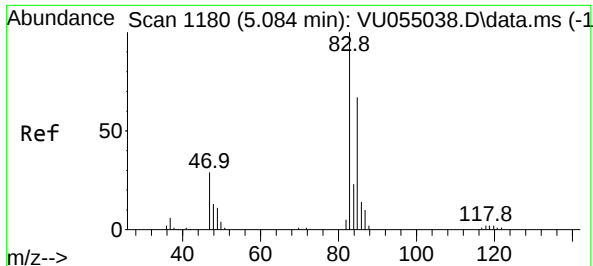


#23
 Bromochloromethane
 Concen: 20.216 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU055040.D
 Acq: 01 Sep 2023 14:29

Tgt Ion: 128 Resp: 102053

Ion	Ratio	Lower	Upper
128	100		
49	176.5	118.9	220.9
130	130.7	88.0	163.4
51	56.3	40.4	60.6





#25

Chloroform

Concen: 20.177 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

Instrument :

MSVOA_U

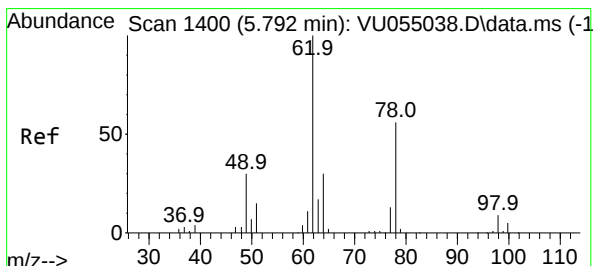
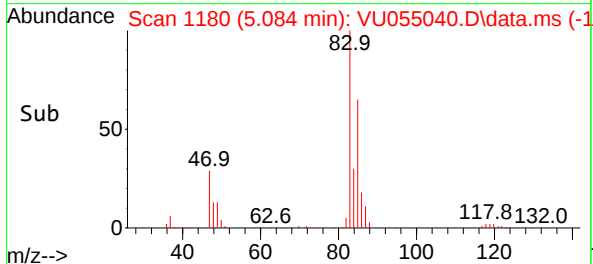
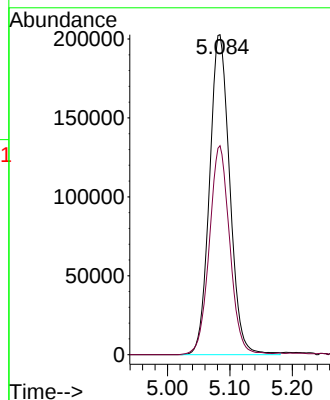
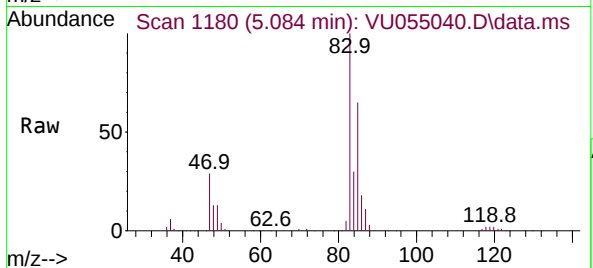
ClientSampleId :

Tgt Ion: 83 Resp: 456270

Ion Ratio Lower Upper

83 100

85 65.3 47.2 87.6



#27

1,2-Dichloroethane

Concen: 20.326 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.003 min

Lab File: VU055040.D

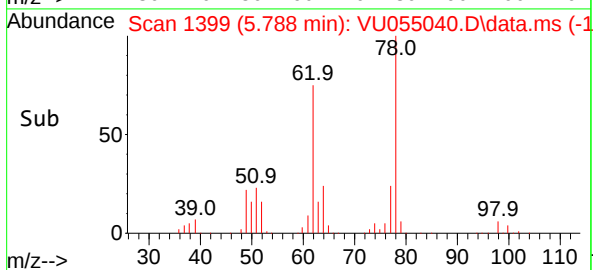
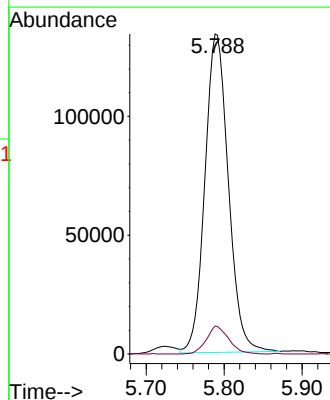
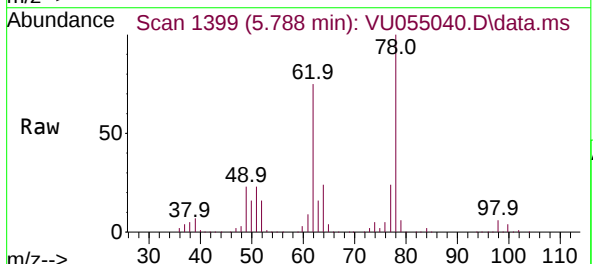
Acq: 01 Sep 2023 14:29

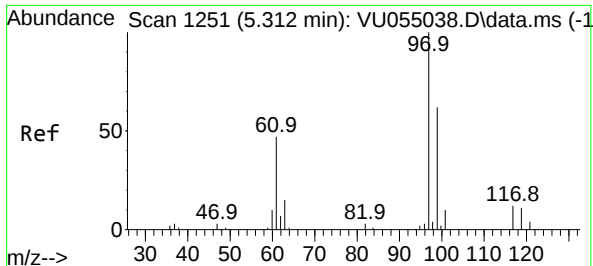
Tgt Ion: 62 Resp: 280658

Ion Ratio Lower Upper

62 100

98 8.7 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 19.502 ug/L

RT: 5.312 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

Instrument :

MSVOA_U

ClientSampleId :

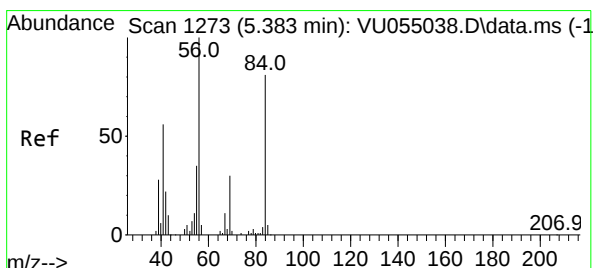
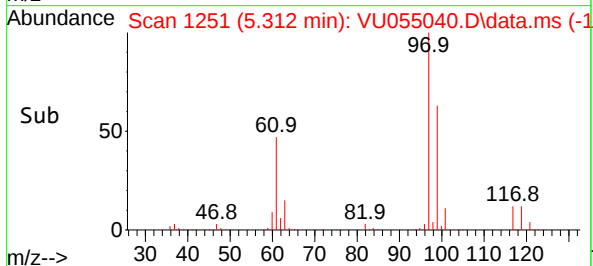
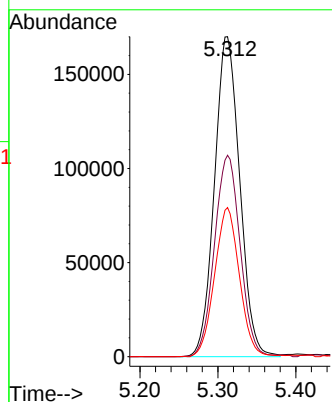
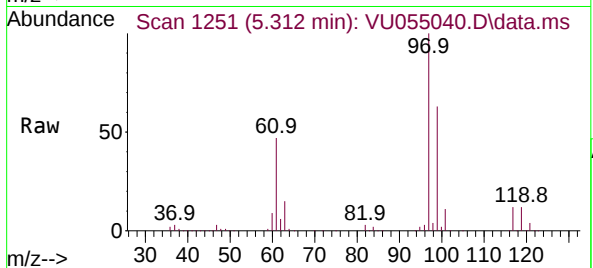
Tgt Ion: 97 Resp: 383954

Ion Ratio Lower Upper

97 100

99 63.9 51.8 77.8

61 45.8 36.8 55.2



#30

Cyclohexane

Concen: 20.132 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

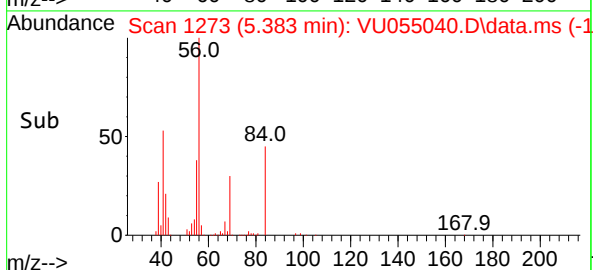
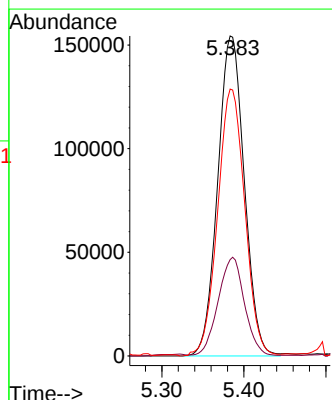
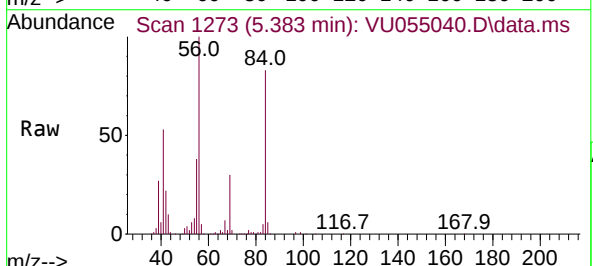
Tgt Ion: 56 Resp: 347757

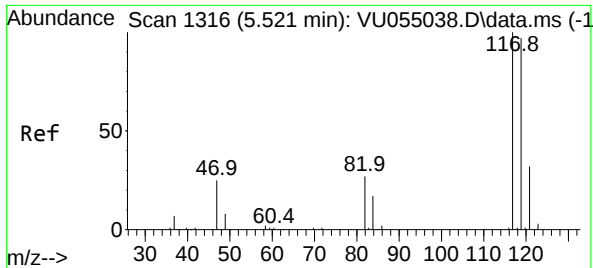
Ion Ratio Lower Upper

56 100

69 30.4 24.6 37.0

84 85.2 68.8 103.2

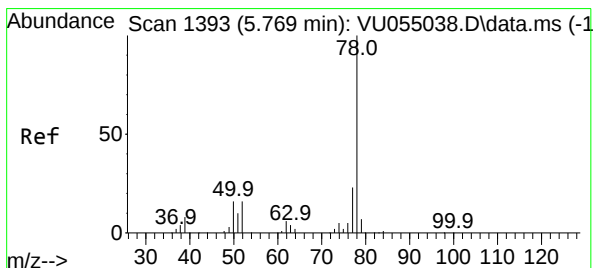
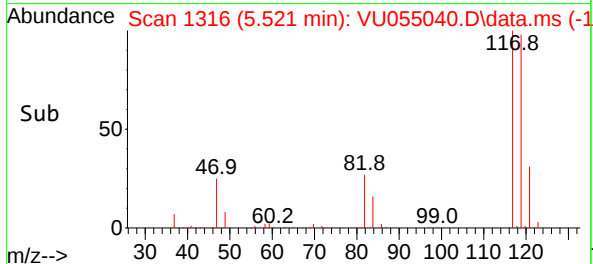
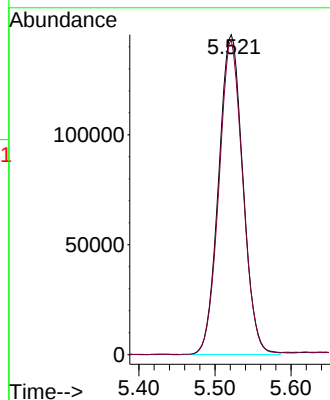
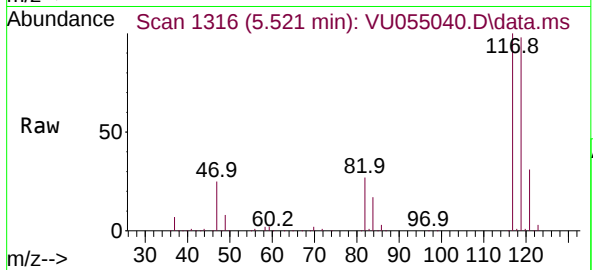




#31
Carbon tetrachloride
Concen: 19.345 ug/L
RT: 5.521 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

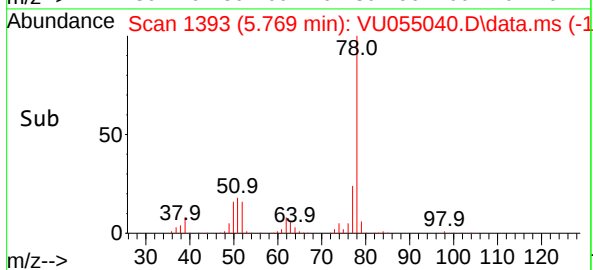
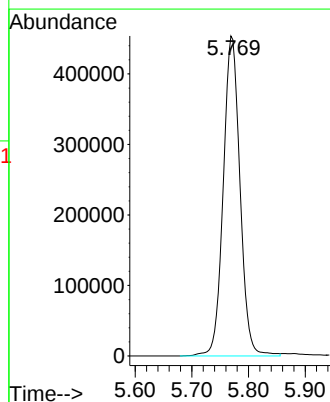
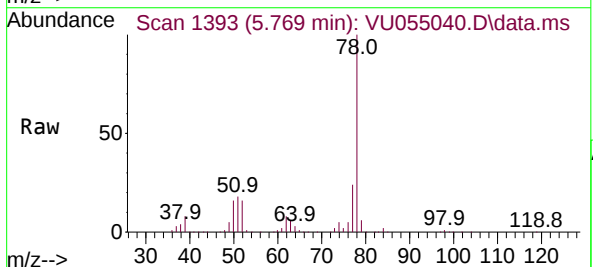
Instrument :
MSVOA_U
ClientSampleId :

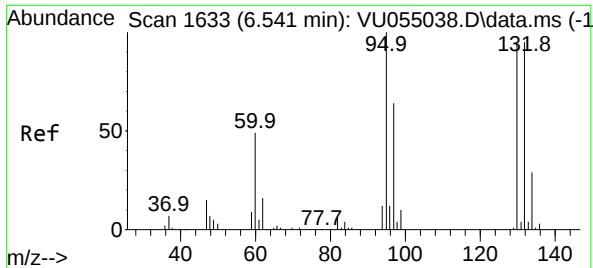
Tgt Ion:117 Resp: 323112
Ion Ratio Lower Upper
117 100
119 96.8 75.4 113.0



#33
Benzene
Concen: 19.862 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

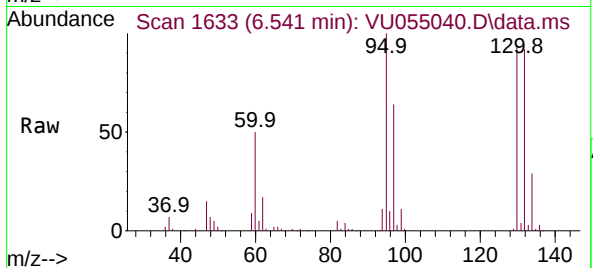
Tgt Ion: 78 Resp: 932525





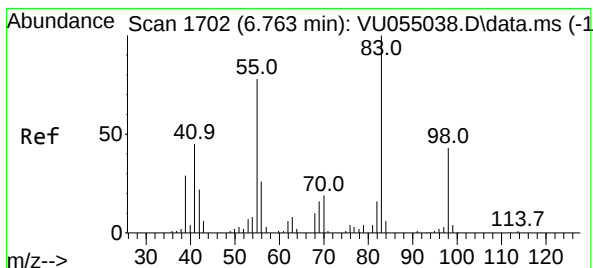
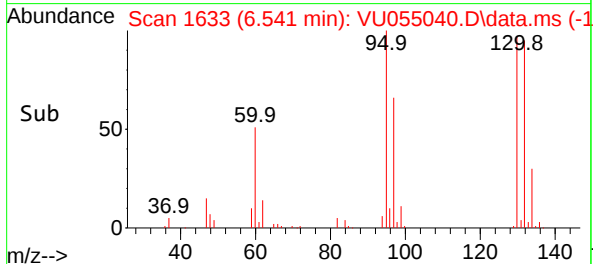
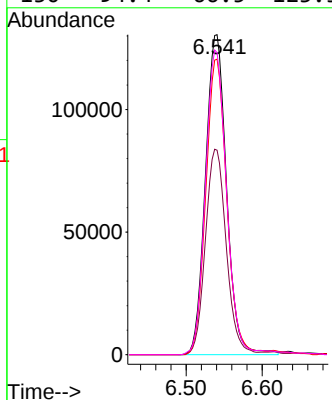
#34
Trichloroethene
Concen: 19.517 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 252150

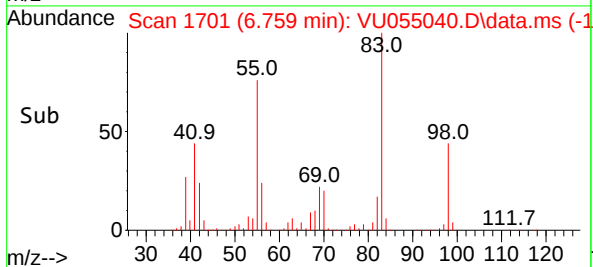
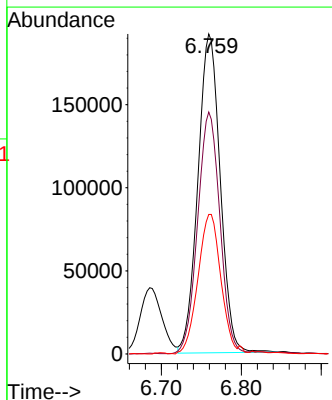
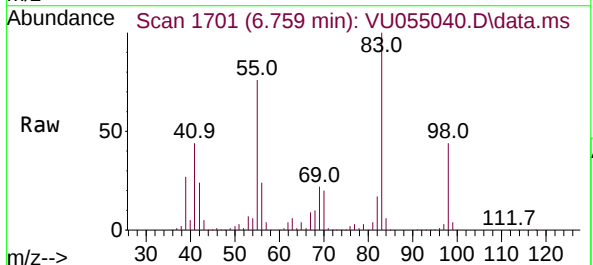
Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.7	83.1
132	92.3	66.6	123.6
130	94.4	66.5	123.5

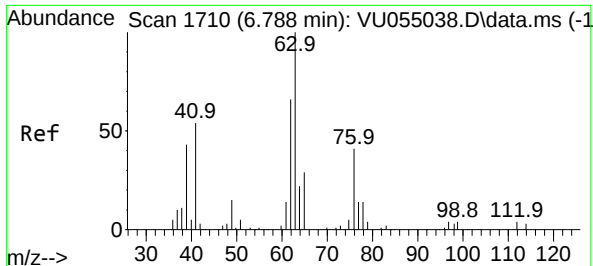


#35
Methylcyclohexane
Concen: 19.628 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

Tgt Ion: 83 Resp: 373022

Ion	Ratio	Lower	Upper
83	100		
55	75.5	60.4	90.6
98	44.9	35.3	52.9

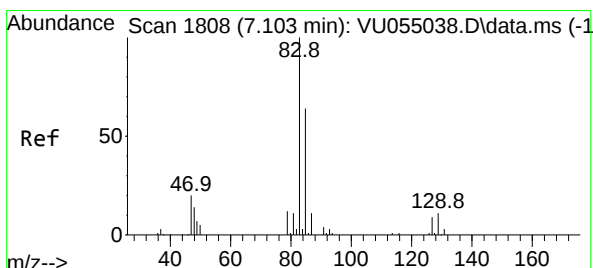
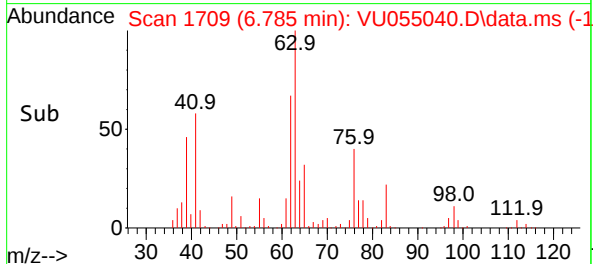
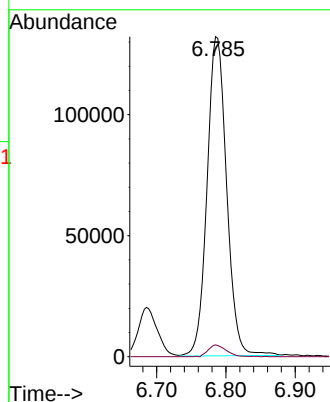
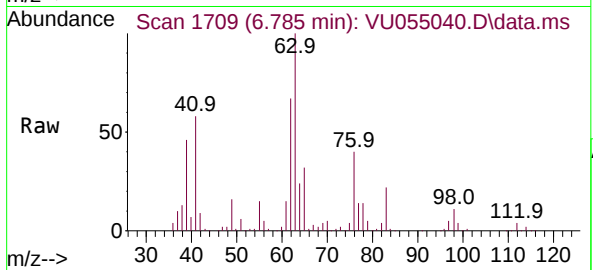




#37
1,2-Dichloropropane
Concen: 19.726 ug/L
RT: 6.785 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

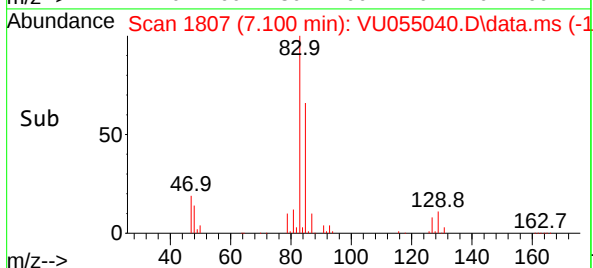
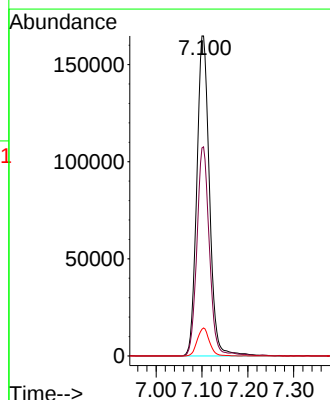
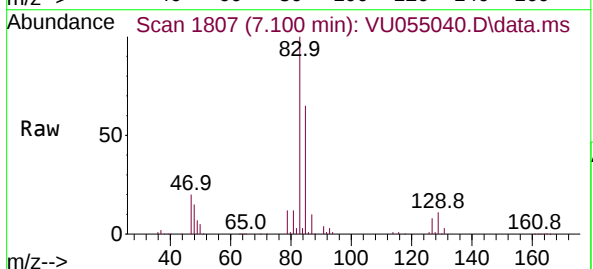
Instrument :
MSVOA_U
ClientSampleId :

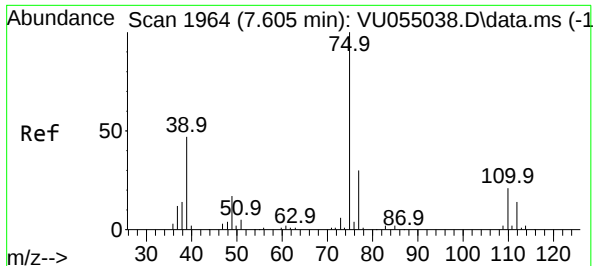
Tgt Ion: 63 Resp: 258376
Ion Ratio Lower Upper
63 100
112 3.4 3.2 4.8



#38
Bromodichloromethane
Concen: 19.631 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.003 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

Tgt Ion: 83 Resp: 315316
Ion Ratio Lower Upper
83 100
85 65.0 44.9 83.5
127 8.4 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 20.362 ug/L

RT: 7.602 min Scan# 1964

Delta R.T. -0.003 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

Instrument :

MSVOA_U

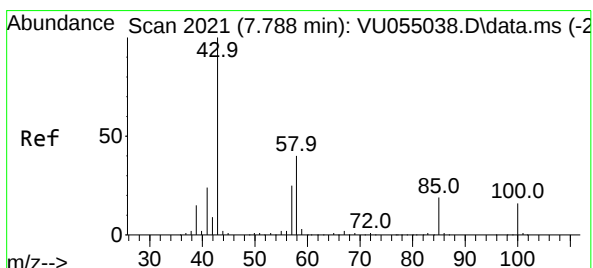
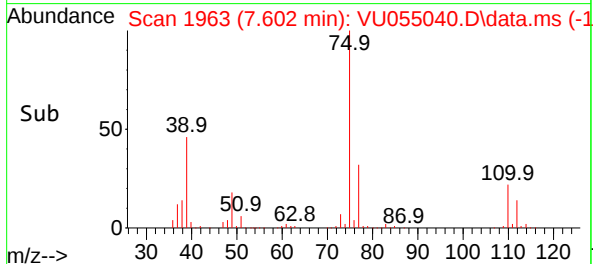
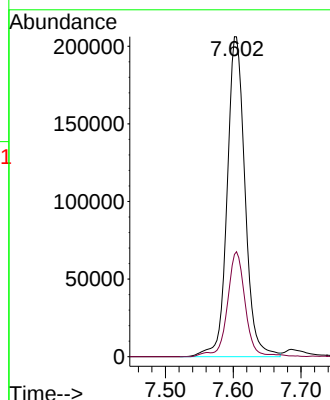
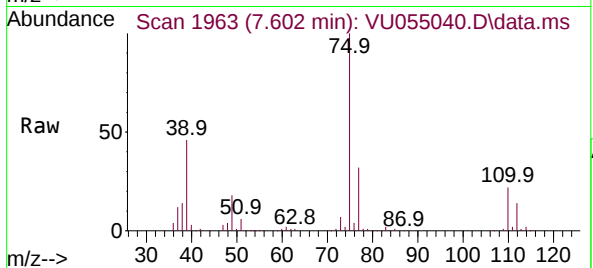
ClientSampleId :

Tgt Ion: 75 Resp: 378091

Ion Ratio Lower Upper

75 100

77 32.0 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 203.924 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

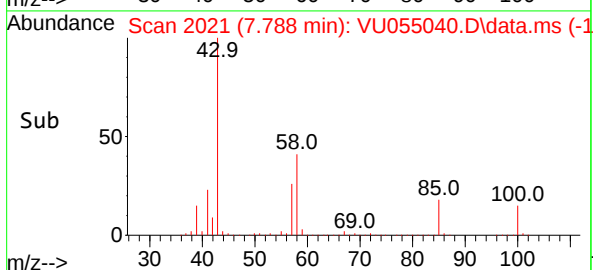
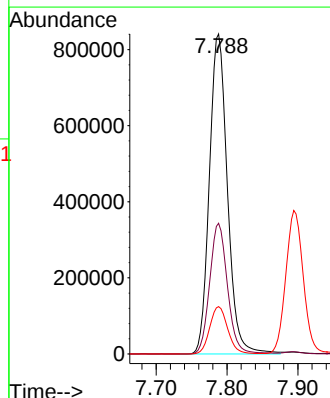
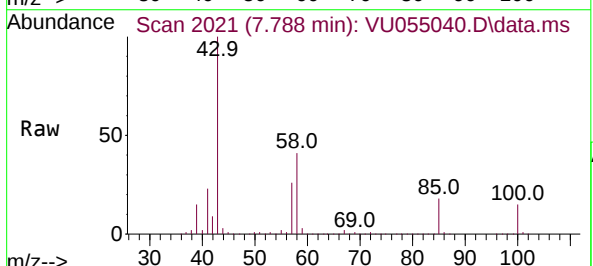
Tgt Ion: 43 Resp: 1484141

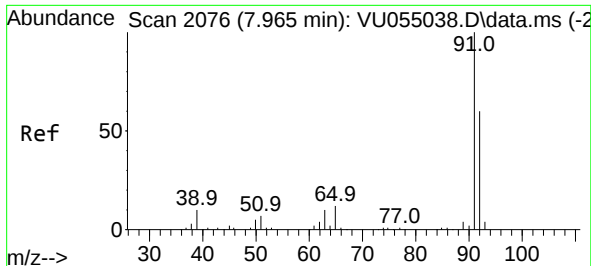
Ion Ratio Lower Upper

43 100

58 40.4 31.5 47.3

100 14.8 11.8 17.8





#42

Toluene

Concen: 19.848 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

Instrument :

MSVOA_U

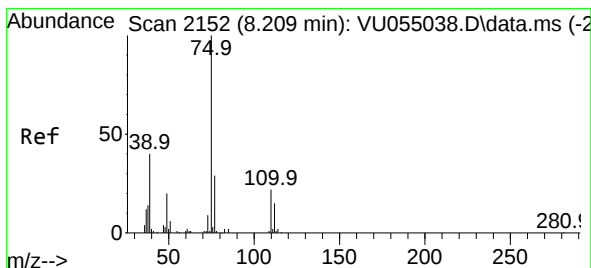
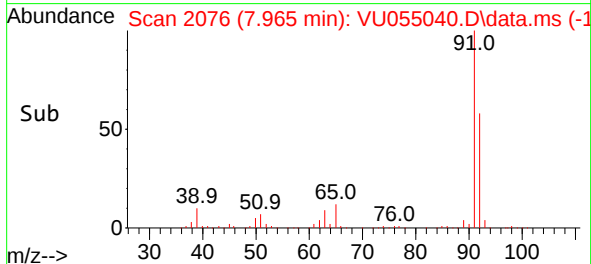
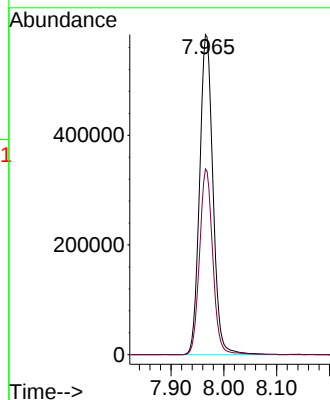
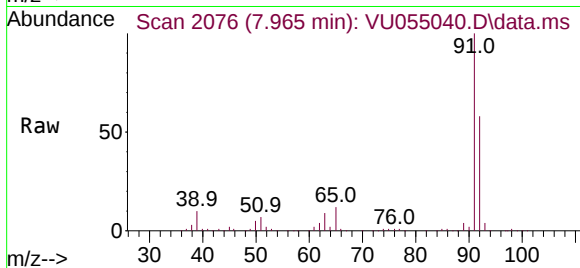
ClientSampleId :

Tgt Ion: 91 Resp: 1023456

Ion Ratio Lower Upper

91 100

92 58.0 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 20.573 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.003 min

Lab File: VU055040.D

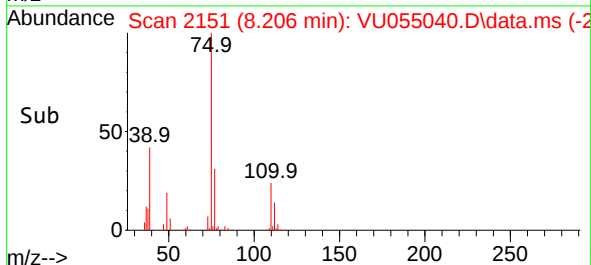
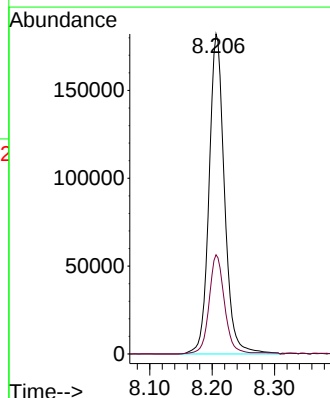
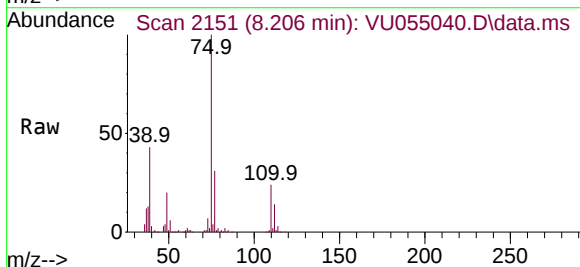
Acq: 01 Sep 2023 14:29

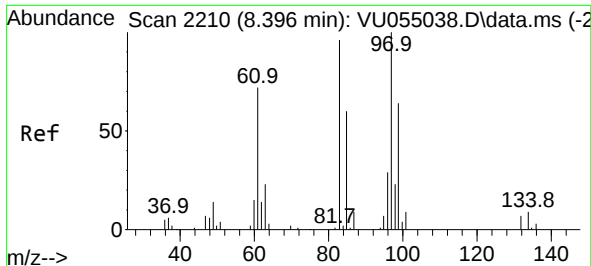
Tgt Ion: 75 Resp: 313738

Ion Ratio Lower Upper

75 100

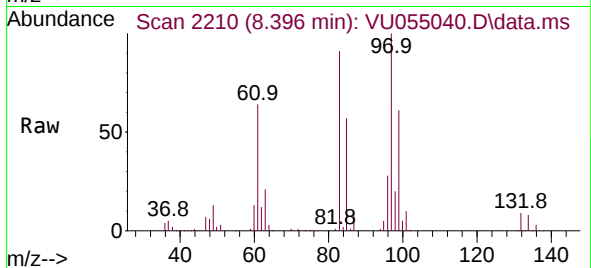
77 31.0 20.5 38.1



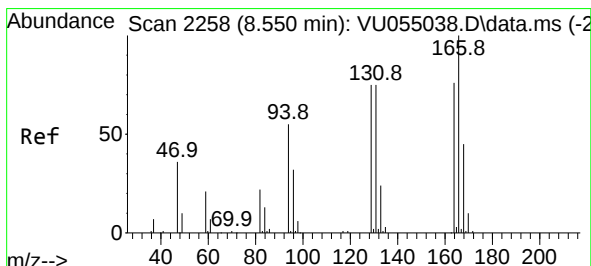
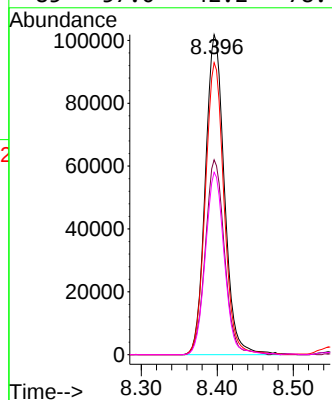
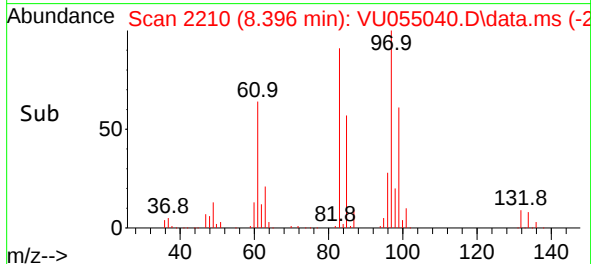


#45
1,1,2-Trichloroethane
Concen: 20.358 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

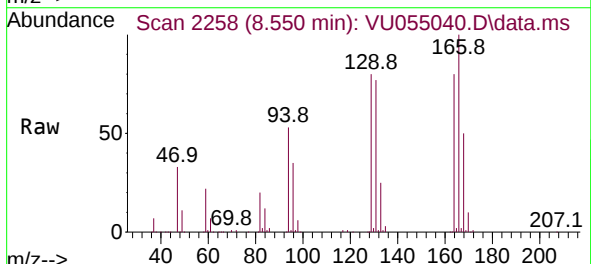
Instrument :
MSVOA_U
ClientSampleId :



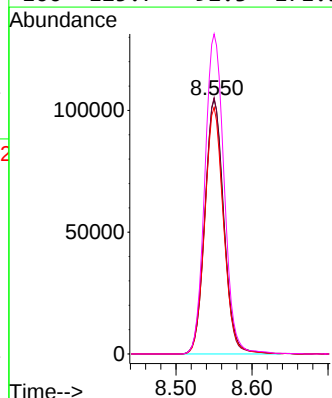
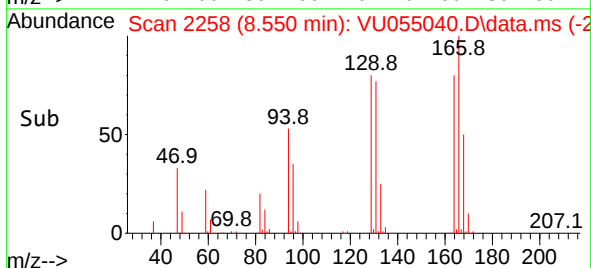
Tgt Ion:	97	Resp:	177313
Ion	Ratio	Lower	Upper
97	100		
99	60.9	44.9	83.5
83	91.3	66.9	124.3
85	57.0	42.2	78.4

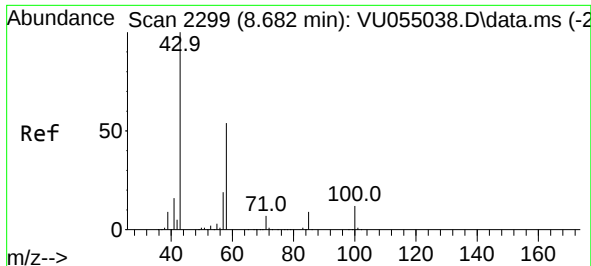


#47
Tetrachloroethene
Concen: 19.531 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29



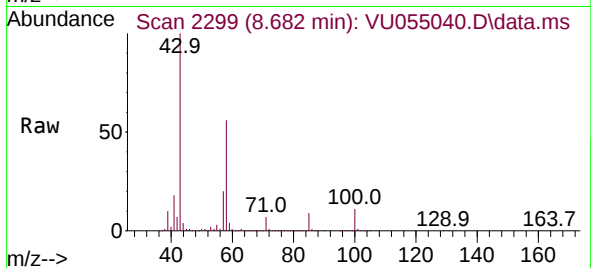
Tgt Ion:	164	Resp:	180913
Ion	Ratio	Lower	Upper
164	100		
129	100.7	69.2	128.6
131	96.9	68.8	127.8
166	125.7	92.3	171.5





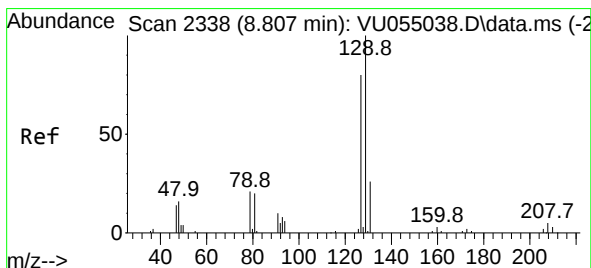
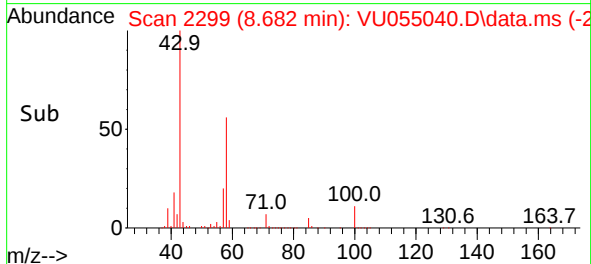
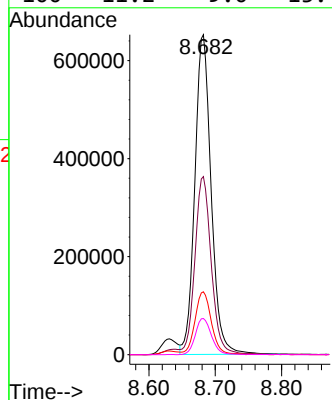
#48
2-Hexanone
Concen: 206.179 ug/L
RT: 8.682 min Scan# 2116
Delta R.T. -0.000 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 1116029

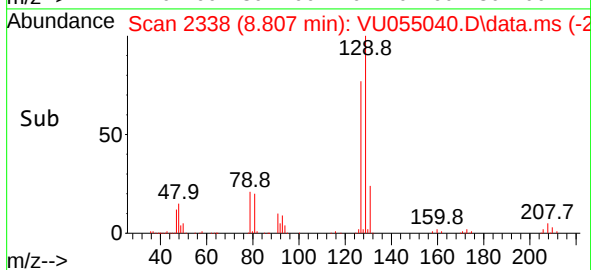
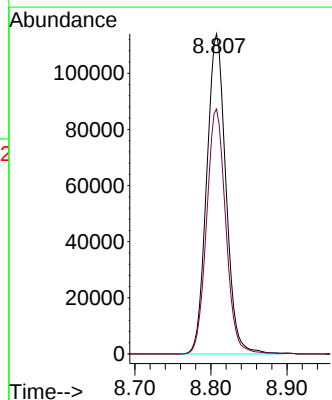
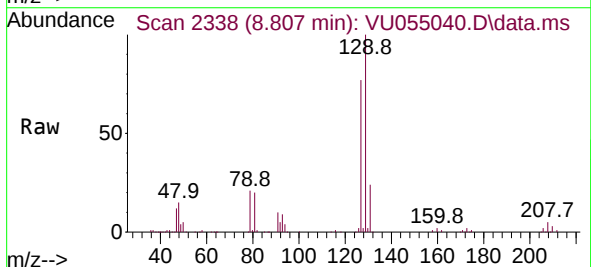
Ion	Ratio	Lower	Upper
43	100		
58	55.9	44.0	66.0
57	19.9	16.2	24.2
100	11.2	9.0	13.4

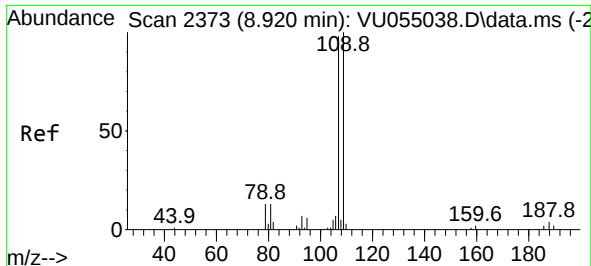


#49
Dibromochloromethane
Concen: 19.684 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

Tgt Ion: 129 Resp: 199817

Ion	Ratio	Lower	Upper
129	100		
127	76.5	55.9	103.7





#50

1,2-Dibromoethane

Concen: 19.341 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

Instrument :

MSVOA_U

ClientSampleId :

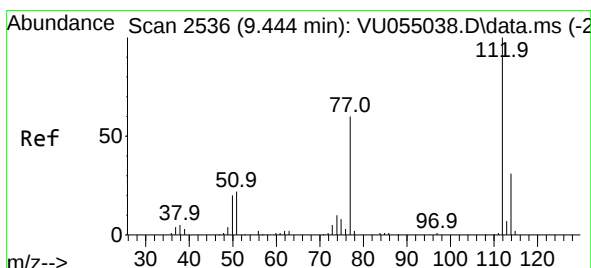
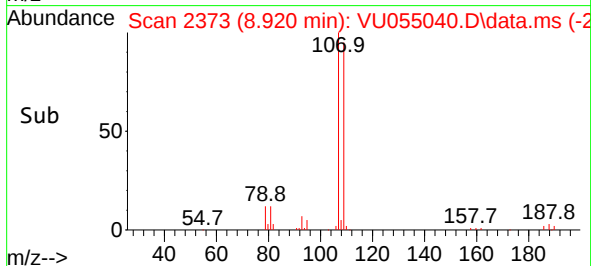
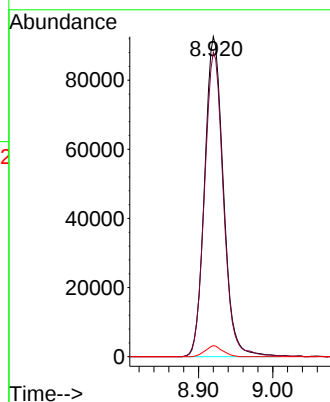
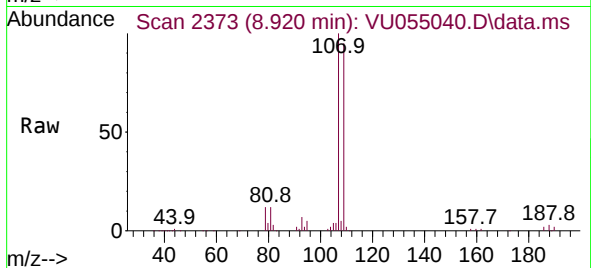
Tgt Ion:107 Resp: 162570

Ion Ratio Lower Upper

107 100

109 95.1 71.4 132.6

188 3.4 3.1 4.7



#51

Chlorobenzene

Concen: 19.382 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

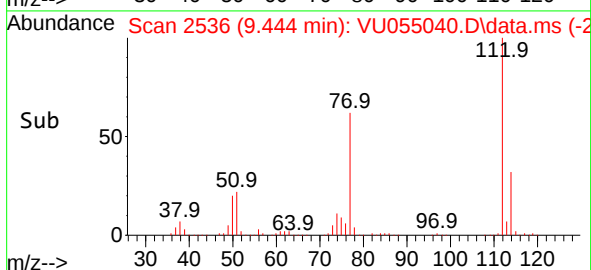
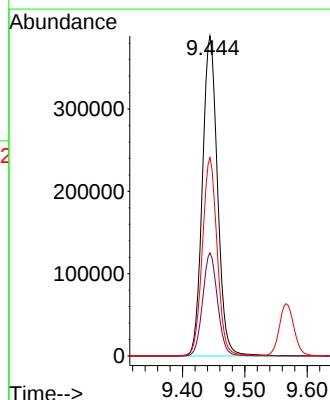
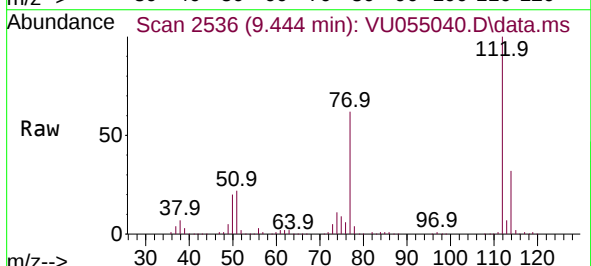
Tgt Ion:112 Resp: 653378

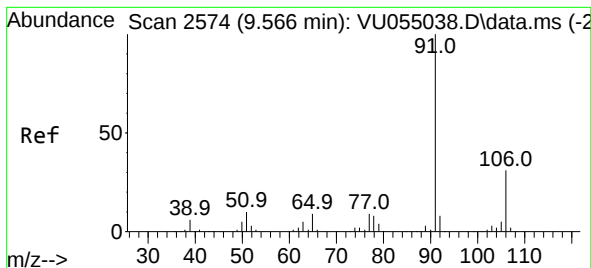
Ion Ratio Lower Upper

112 100

114 32.2 21.7 40.3

77 62.0 48.6 72.8





#52

Ethylbenzene

Concen: 20.074 ug/L

RT: 9.566 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

Instrument :

MSVOA_U

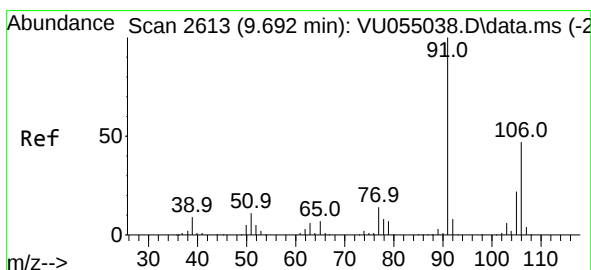
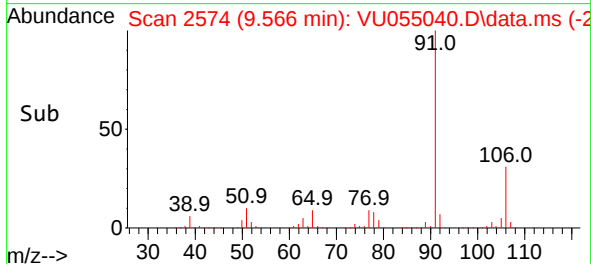
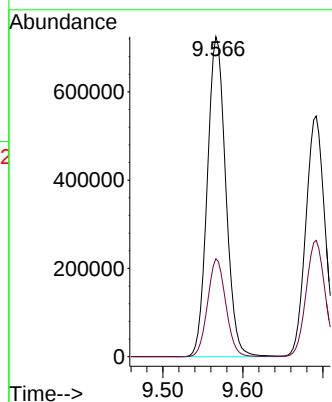
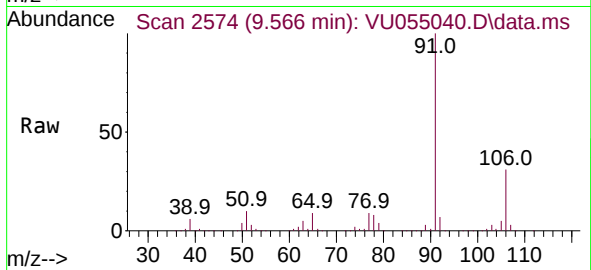
ClientSampleId :

Tgt Ion: 91 Resp: 1164843

Ion Ratio Lower Upper

91 100

106 30.6 21.5 39.9



#53

m,p-Xylene

Concen: 20.278 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. -0.000 min

Lab File: VU055040.D

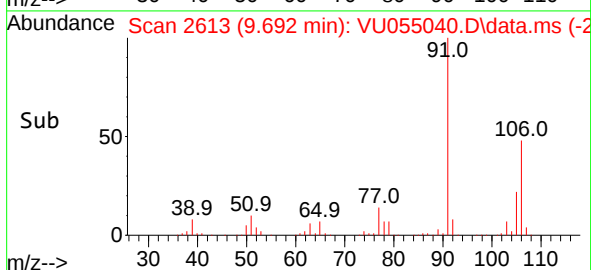
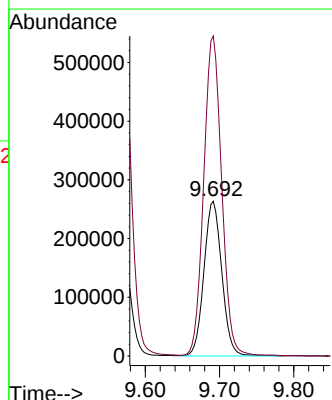
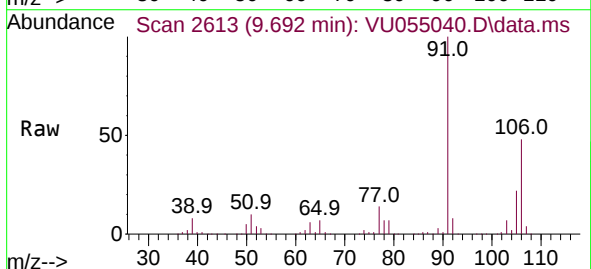
Acq: 01 Sep 2023 14:29

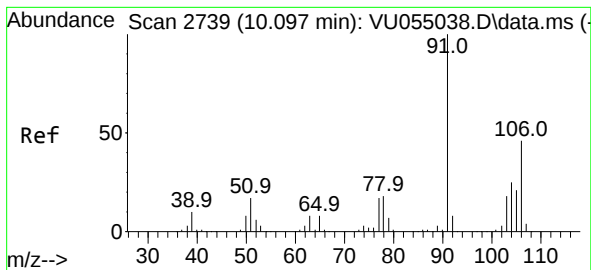
Tgt Ion:106 Resp: 440406

Ion Ratio Lower Upper

106 100

91 206.9 148.3 275.5





#54

o-Xylene

Concen: 20.388 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

Instrument :

MSVOA_U

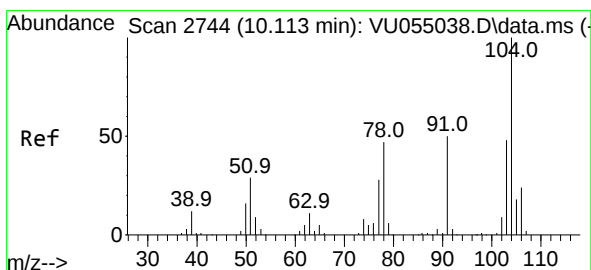
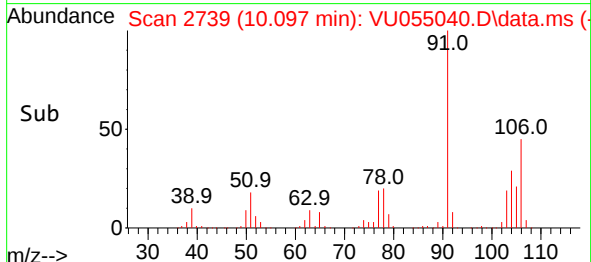
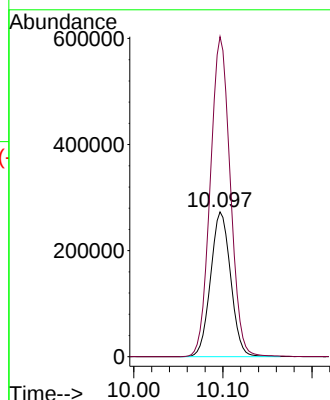
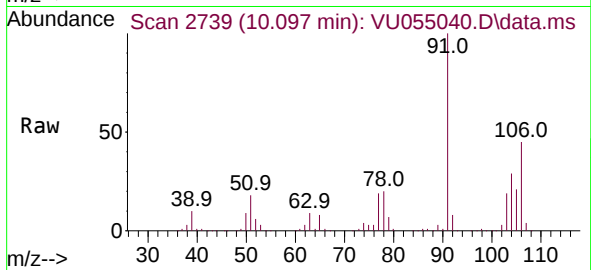
ClientSampleId :

Tgt Ion:106 Resp: 426721

Ion Ratio Lower Upper

106 100

91 221.1 152.9 284.1



#55

Styrene

Concen: 21.195 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.003 min

Lab File: VU055040.D

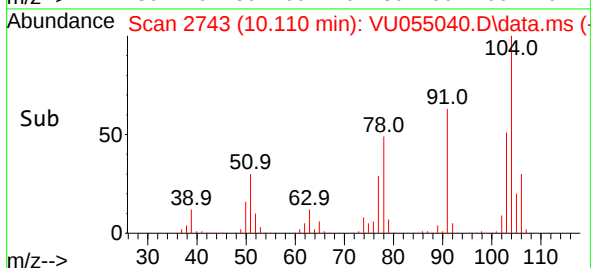
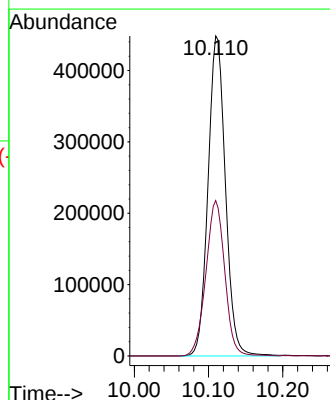
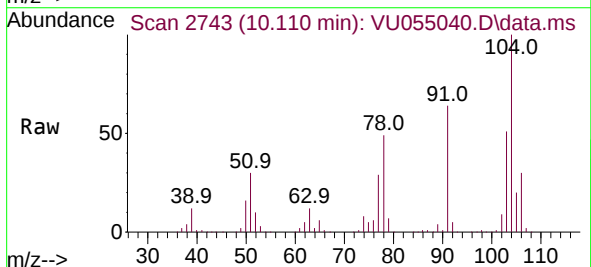
Acq: 01 Sep 2023 14:29

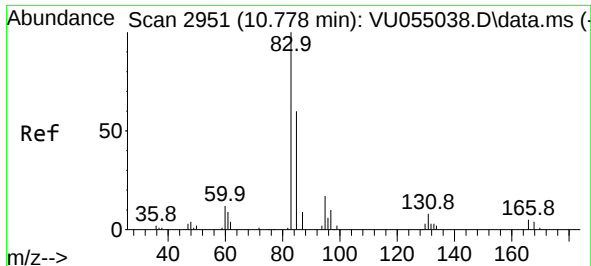
Tgt Ion:104 Resp: 729059

Ion Ratio Lower Upper

104 100

78 48.6 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 20.248 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

Instrument :

MSVOA_U

ClientSampleId :

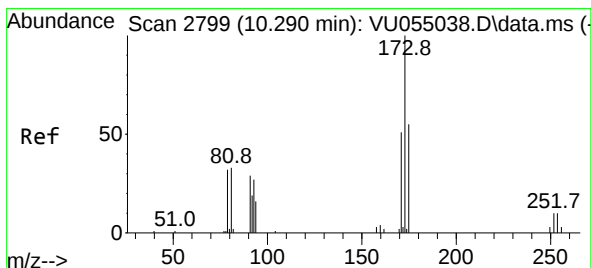
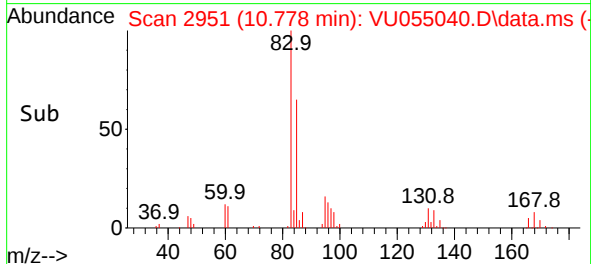
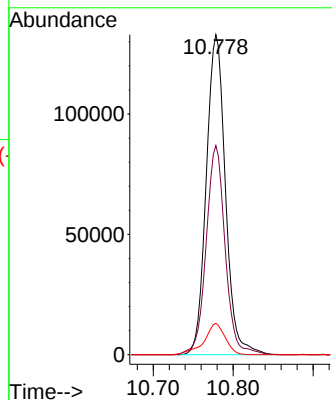
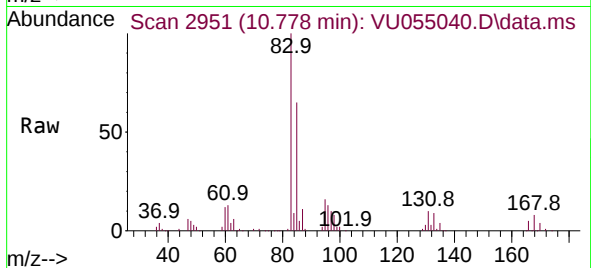
Tgt Ion: 83 Resp: 222066

Ion Ratio Lower Upper

83 100

85 65.3 42.4 78.6

131 9.8 7.6 11.4



#59

Bromoform

Concen: 20.011 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.003 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

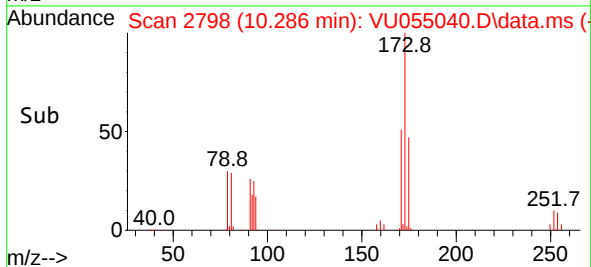
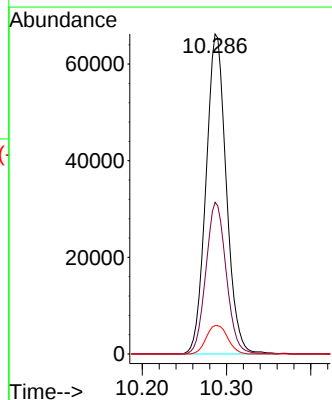
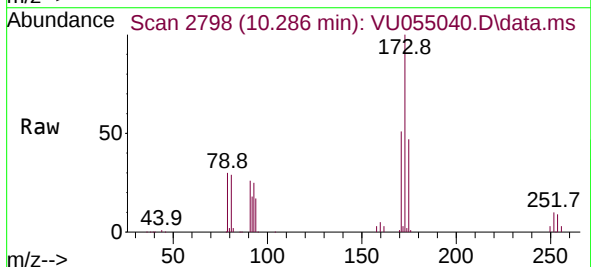
Tgt Ion:173 Resp: 111096

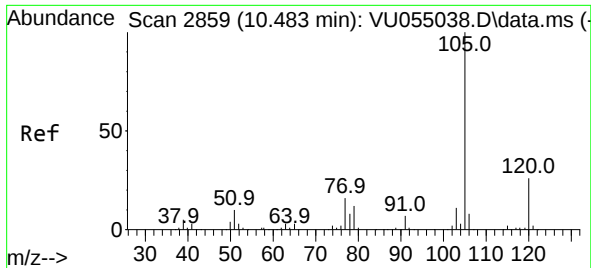
Ion Ratio Lower Upper

173 100

175 47.4 40.9 61.3

254 9.4 7.0 10.4

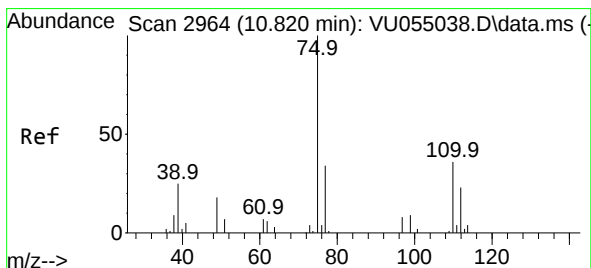
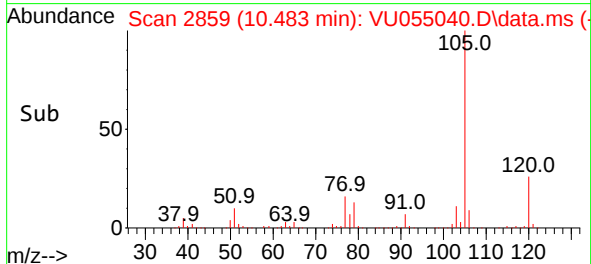
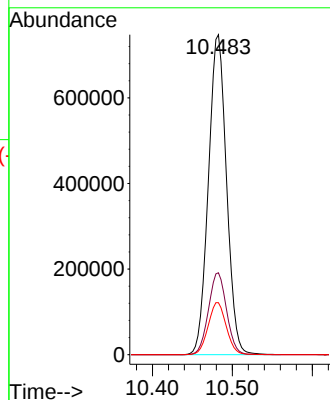
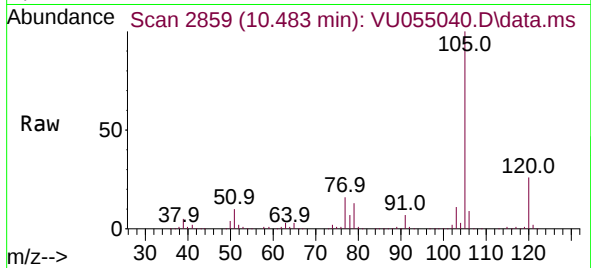




#60
Isopropylbenzene
Concen: 19.625 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

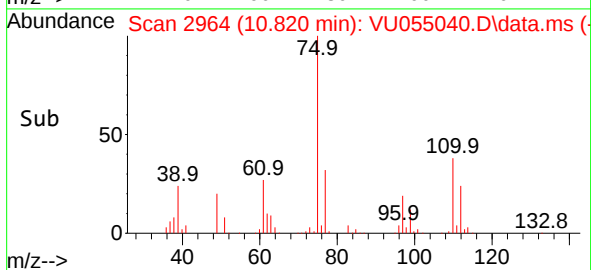
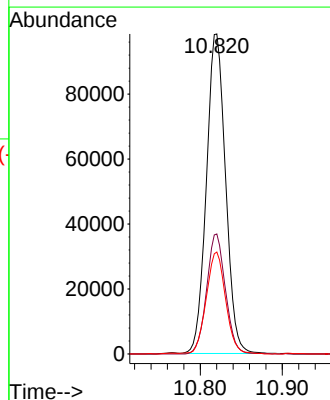
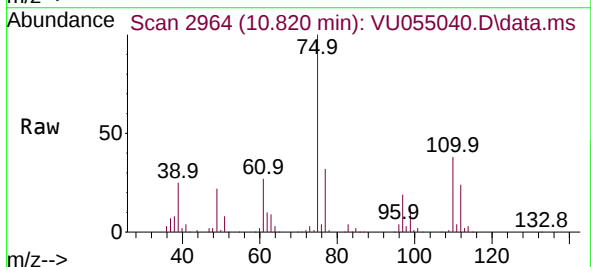
Instrument :
MSVOA_U
ClientSampleId :

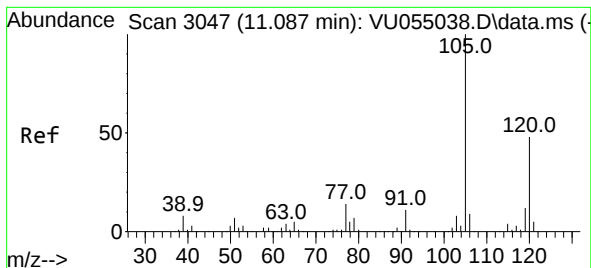
Tgt Ion:105 Resp: 1178508
Ion Ratio Lower Upper
105 100
120 25.6 20.1 30.1
77 16.3 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 18.895 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

Tgt Ion: 75 Resp: 159899
Ion Ratio Lower Upper
75 100
110 36.8 28.2 42.2
77 32.3 26.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 20.094 ug/L

RT: 11.084 min Scan# 3047

Delta R.T. -0.003 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

Instrument :

MSVOA_U

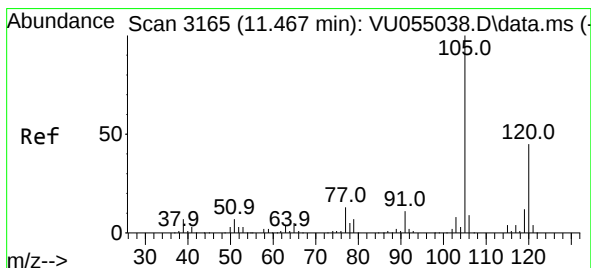
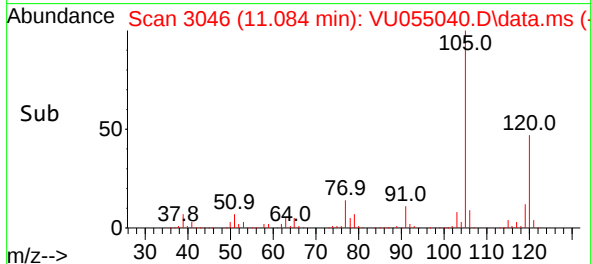
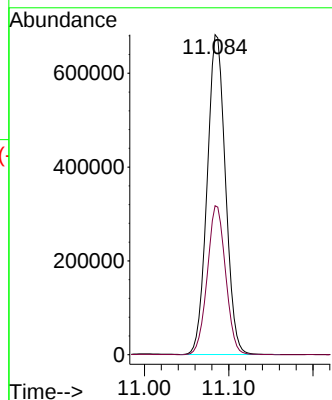
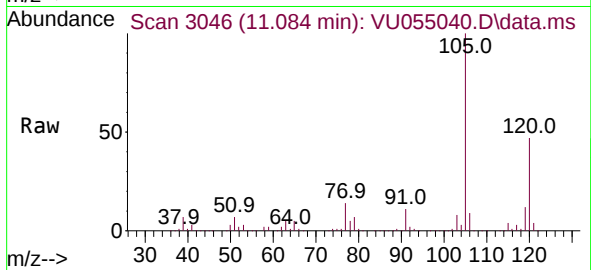
ClientSampleId :

Tgt Ion:105 Resp: 1029138

Ion Ratio Lower Upper

105 100

120 46.7 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 21.322 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. -0.000 min

Lab File: VU055040.D

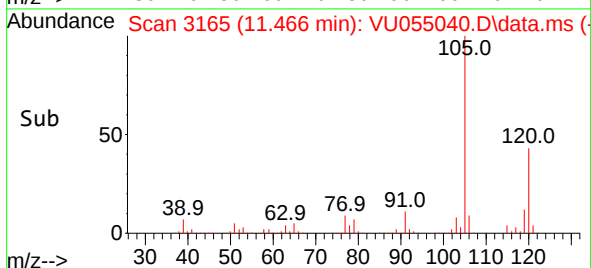
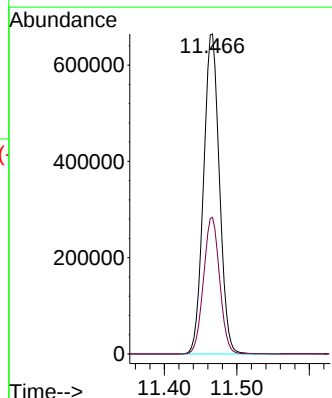
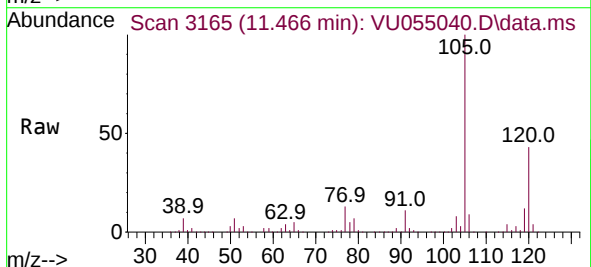
Acq: 01 Sep 2023 14:29

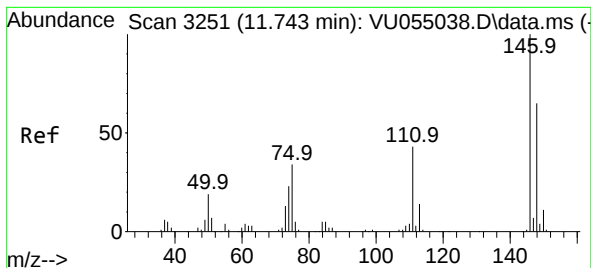
Tgt Ion:105 Resp: 1011398

Ion Ratio Lower Upper

105 100

120 43.3 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 19.184 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. -0.000 min

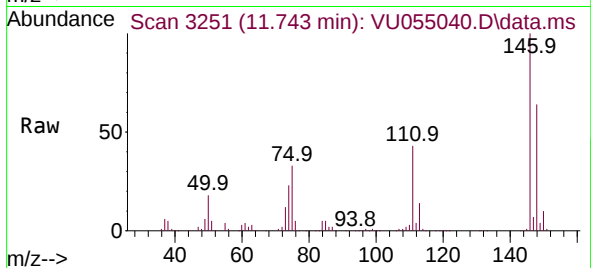
Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

Instrument :

MSVOA_U

ClientSampleId :



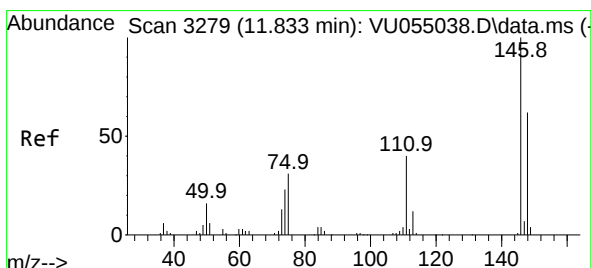
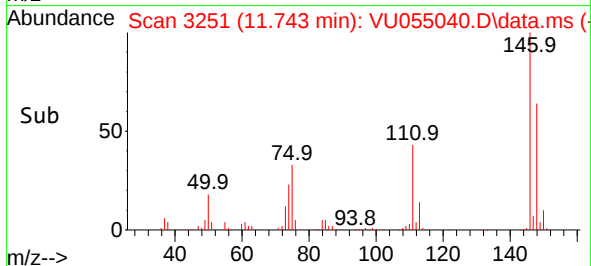
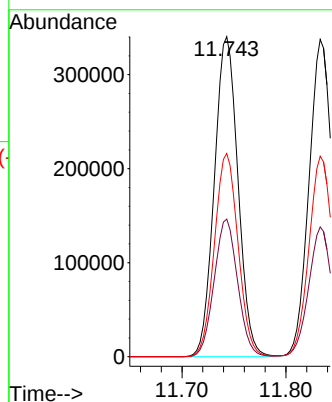
Tgt Ion:146 Resp: 538899

Ion Ratio Lower Upper

146 100

111 43.0 30.0 55.6

148 63.5 45.2 84.0



#65

1,4-Dichlorobenzene

Concen: 19.121 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. -0.000 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

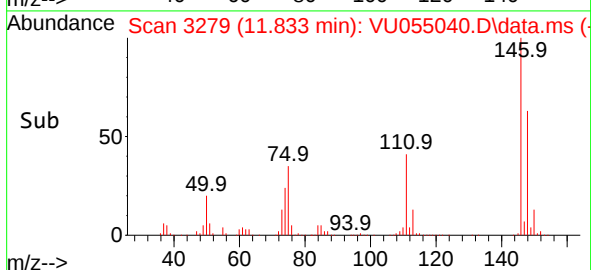
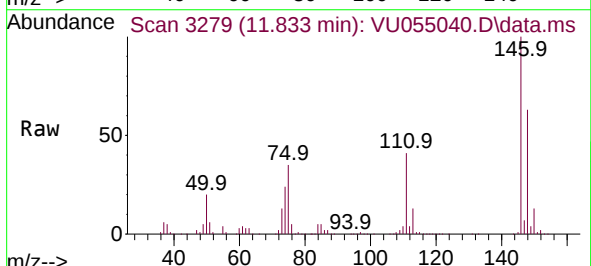
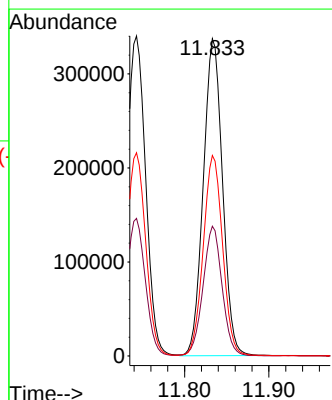
Tgt Ion:146 Resp: 535461

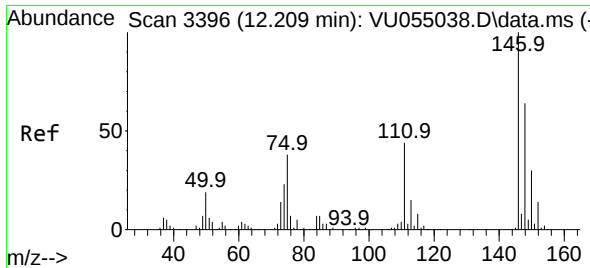
Ion Ratio Lower Upper

146 100

111 40.9 28.1 52.1

148 63.2 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 19.537 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

Instrument :

MSVOA_U

ClientSampleId :

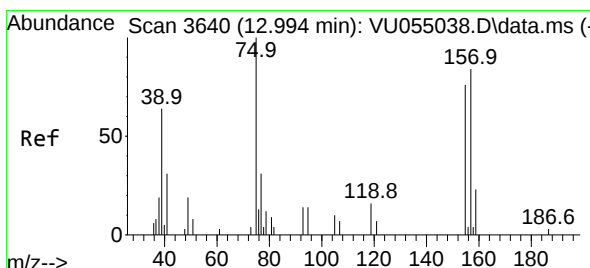
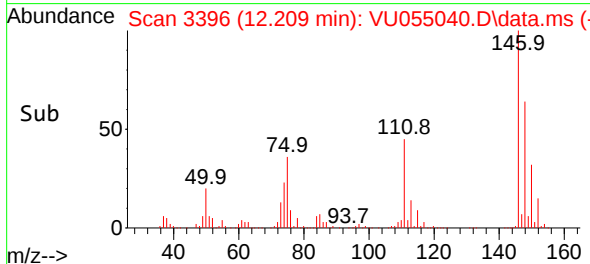
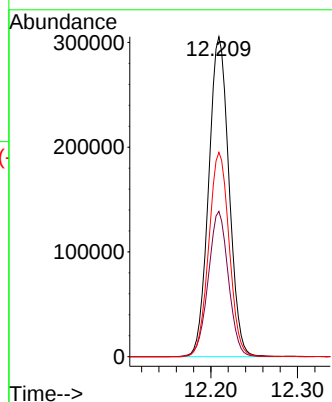
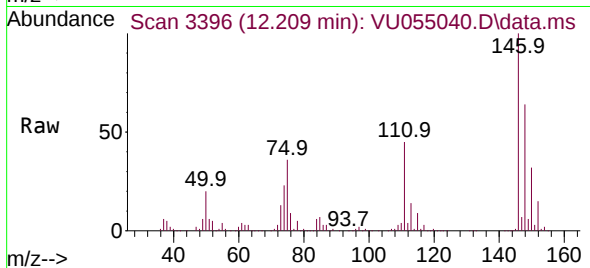
Tgt Ion:146 Resp: 497701

Ion Ratio Lower Upper

146 100

111 45.4 35.6 53.4

148 63.9 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 20.878 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055040.D

Acq: 01 Sep 2023 14:29

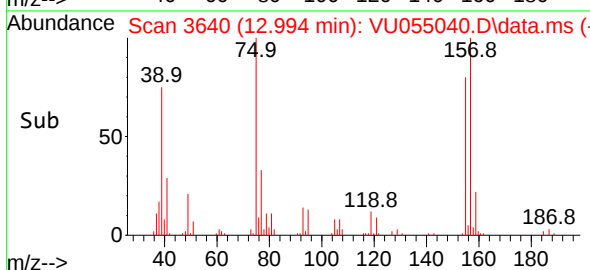
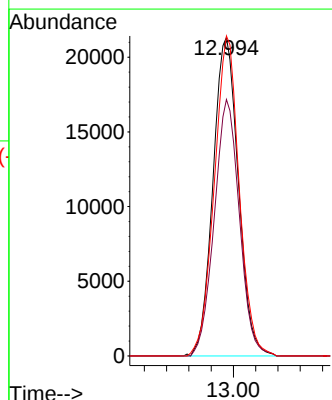
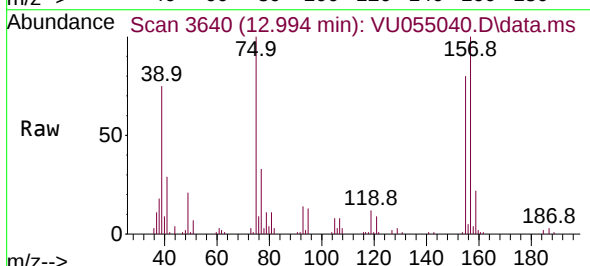
Tgt Ion: 75 Resp: 33641

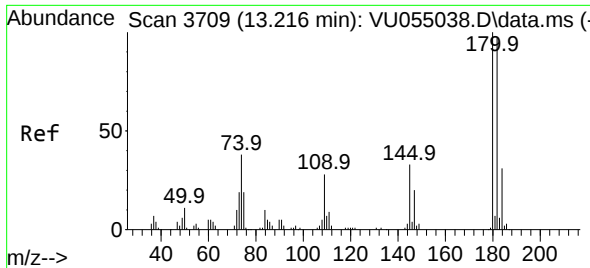
Ion Ratio Lower Upper

75 100

155 80.5 61.1 91.7

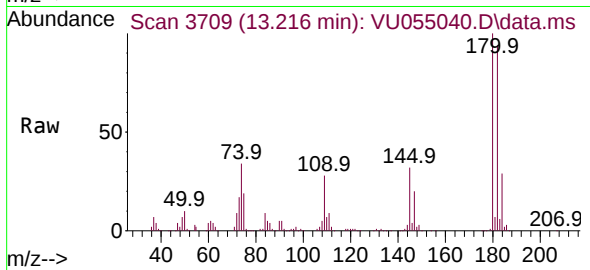
157 100.5 66.8 100.2#



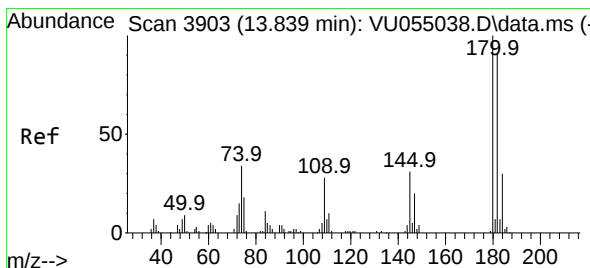
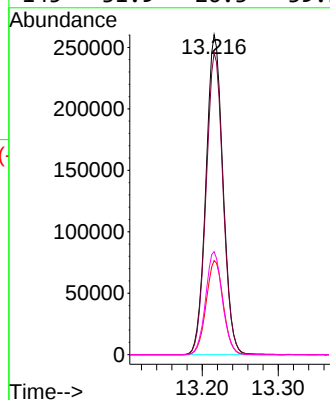
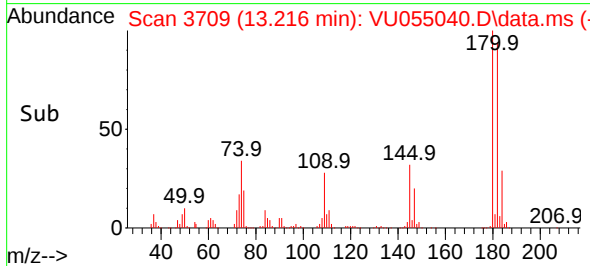


#69
 1,3,5-Trichlorobenzene
 Concen: 21.417 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU055040.D
 Acq: 01 Sep 2023 14:29

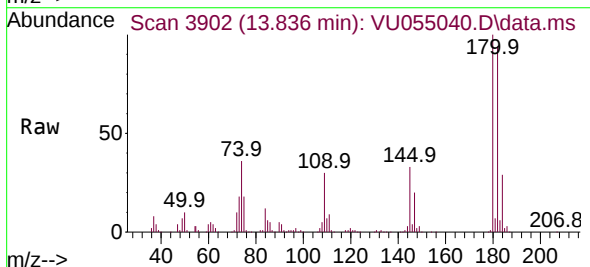
Instrument :
 MSVOA_U
 ClientSampleId :



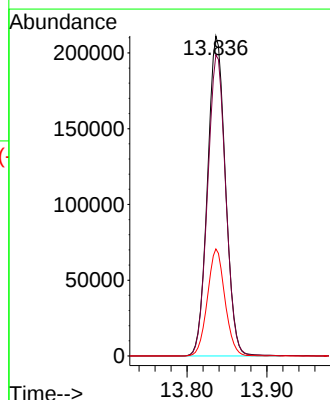
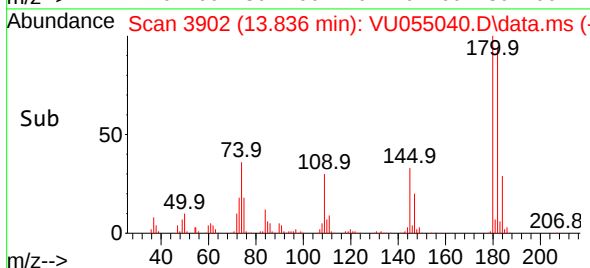
Tgt Ion:180 Resp: 403875
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.8 113.6
 184 29.7 24.0 36.0
 145 31.9 26.3 39.5

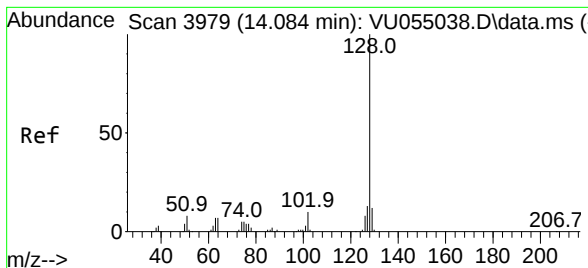


#70
 1,2,4-trichlorobenzene
 Concen: 22.125 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.003 min
 Lab File: VU055040.D
 Acq: 01 Sep 2023 14:29



Tgt Ion:180 Resp: 329484
 Ion Ratio Lower Upper
 180 100
 182 95.4 73.6 110.4
 145 32.6 25.8 38.8

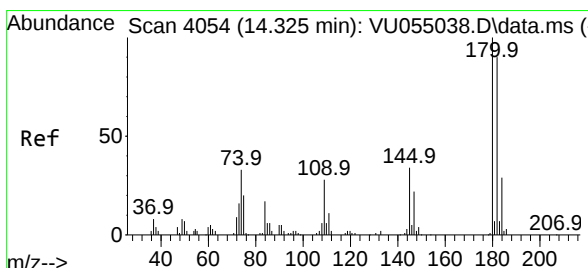
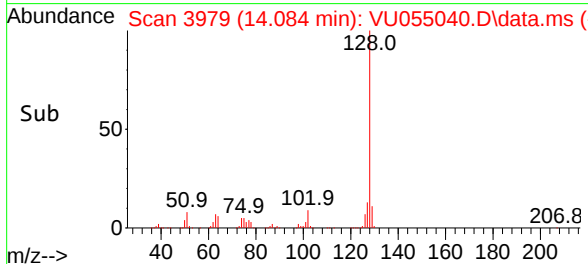
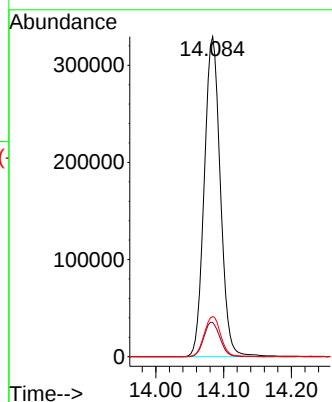
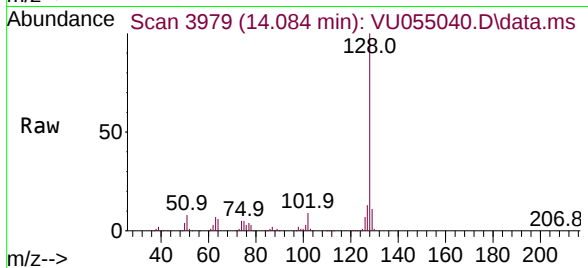




#71
Naphthalene
Concen: 23.944 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.2	12.2
127	13.0	10.0	15.0



#72
1,2,3-Trichlorobenzene
Concen: 23.672 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU055040.D
Acq: 01 Sep 2023 14:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.6	113.4
145	33.9	27.0	40.6

