

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101123\
 Data File : VU055753.D
 Acq On : 11 Oct 2023 17:24
 Operator : MD/SY
 Sample : 04792-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B0MS

Quant Time: Oct 12 01:58:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 12 01:53:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	420682	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	430485	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	256990	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	154030	40.820	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.640%
7) Chloroethane-d5	1.882	69	130348	42.260	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.520%
11) 1,1-Dichloroethene-d2	2.557	63	290179	43.129	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.260%
21) 2-Butanone-d5	4.615	46	270488	96.741	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.740%
24) Chloroform-d	5.055	84	336265	46.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.980%
26) 1,2-Dichloroethane-d4	5.695	65	216614	48.649	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.300%
32) Benzene-d6	5.721	84	644921	46.823	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	6.685	67	200631	46.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.020%
41) Toluene-d8	7.894	98	588556	47.323	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.640%
43) trans-1,3-Dichloroprop...	8.177	79	99586	47.544	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.080%
47) 2-Hexanone-d5	8.634	63	204127	119.080	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	373883	55.706	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.420%
66) 1,2-Dichlorobenzene-d4	12.190	152	247245	48.481	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	155987	44.532	ug/L	100
3) Chloromethane	1.518	50	153139	46.204	ug/L	99
5) Vinyl chloride	1.602	62	177017	48.531	ug/L	99
6) Bromomethane	1.830	94	73217	31.400	ug/L	98
8) Chloroethane	1.904	64	105391	44.050	ug/L	99
9) Trichlorofluoromethane	2.123	101	242481	46.529	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	149305	44.548	ug/L	99
12) 1,1-Dichloroethene	2.570	96	136025	45.609	ug/L	97
13) Acetone	2.618	43	167649	64.613	ug/L	96
14) Carbon disulfide	2.782	76	366019	40.328	ug/L	99
15) Methyl Acetate	2.940	43	172300	43.361	ug/L	96
16) Methylene chloride	3.036	84	164028	45.352	ug/L	97
17) trans-1,2-Dichloroethene	3.345	96	137503	45.088	ug/L	98
18) Methyl tert-butyl Ether	3.358	73	481403	49.084	ug/L	99
19) 1,1-Dichloroethane	3.859	63	289651	46.314	ug/L	99
20) cis-1,2-Dichloroethene	4.660	96	175025	50.286	ug/L	97
22) 2-Butanone	4.695	43	253676	81.115	ug/L	100
23) Bromochloromethane	4.968	128	87116	48.329	ug/L	90
25) Chloroform	5.081	83	306761	46.954	ug/L	96

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 Response via : Initial Calibration

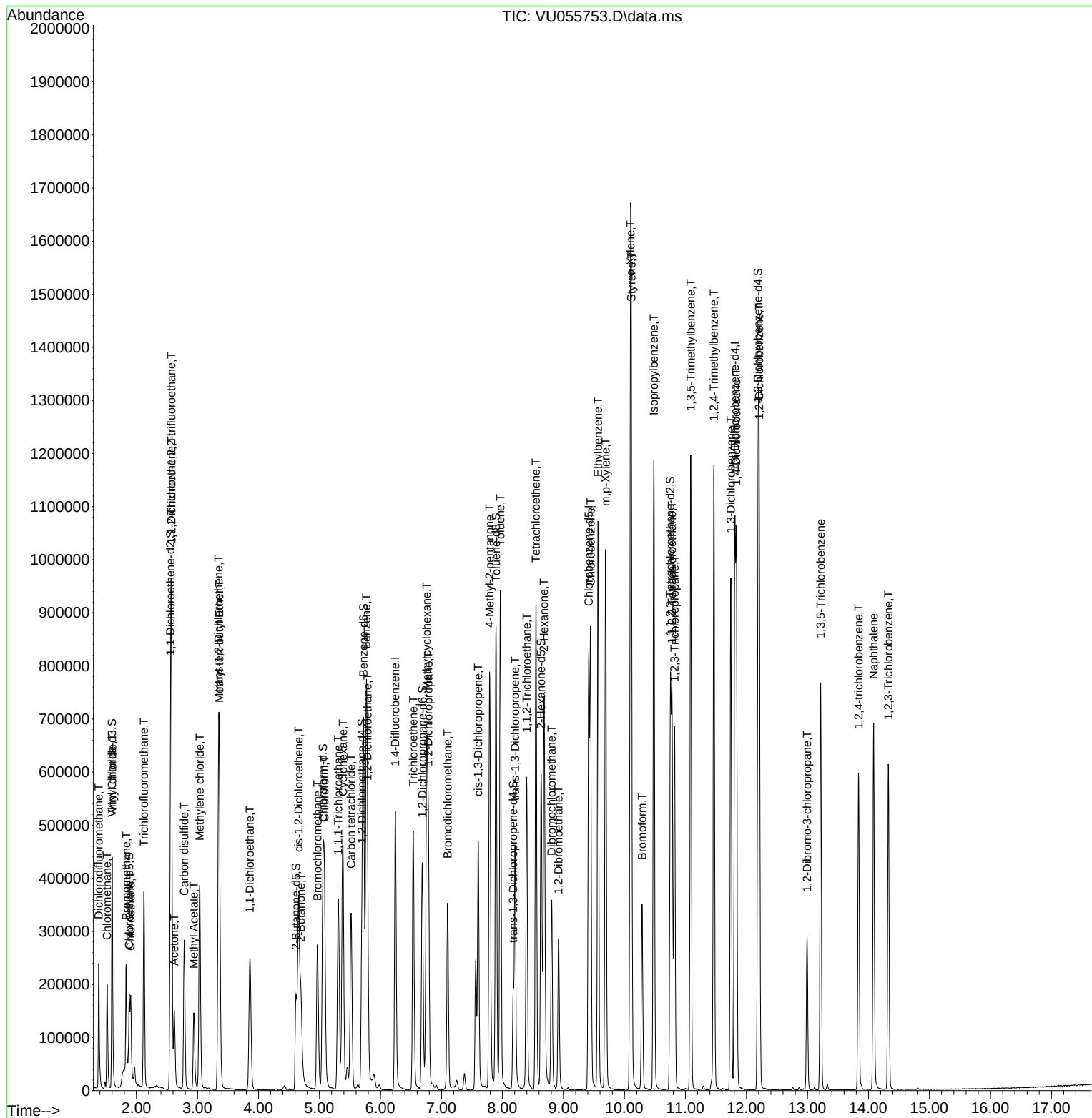
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	254874	48.777	ug/L	99
29) Cyclohexane	5.383	56	228038	46.215	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	265592	47.754	ug/L	98
31) Carbon tetrachloride	5.518	117	228081	46.852	ug/L	99
33) Benzene	5.766	78	647081	47.552	ug/L	100
34) Trichloroethene	6.538	95	169906	45.632	ug/L	98
35) Methylcyclohexane	6.759	83	239493	44.332	ug/L	96
37) 1,2-Dichloropropane	6.785	63	173755	46.370	ug/L	99
38) Bromodichloromethane	7.100	83	228794	46.301	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	276669	48.532	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	544385	104.429	ug/L	98
42) Toluene	7.965	91	685851	47.765	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	259424	47.561	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	182004	49.259	ug/L	98
46) Tetrachloroethene	8.547	164	193120	72.443	ug/L	97
48) 2-Hexanone	8.682	43	476980	108.325	ug/L	99
49) Dibromochloromethane	8.804	129	181605	48.103	ug/L	99
50) 1,2-Dibromoethane	8.920	107	190349	47.963	ug/L	97
51) Chlorobenzene	9.444	112	441159	47.486	ug/L	99
52) Ethylbenzene	9.566	91	746356	47.544	ug/L	99
53) m,p-Xylene	9.692	106	288663	49.082	ug/L	100
54) o-Xylene	10.097	106	291150	51.158	ug/L	99
55) Styrene	10.113	104	514657	53.382	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	350000	55.321	ug/L	100
59) Bromoform	10.290	173	150845	47.682	ug/L	98
60) 1,2,3-Trichloropropane	10.820	75	285255	51.144	ug/L	99
61) Isopropylbenzene	10.483	105	761530	47.533	ug/L	100
62) 1,3,5-Trimethylbenzene	11.087	105	652962	50.369	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	642835	50.148	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	373667	47.181	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	380967	46.786	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	383797	48.832	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	75874	45.503	ug/L	99
69) 1,3,5-Trichlorobenzene	13.216	180	223556	42.318	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	170879	38.834	ug/L	98
71) Naphthalene	14.084	128	544893	41.687	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	177354	40.880	ug/L	98

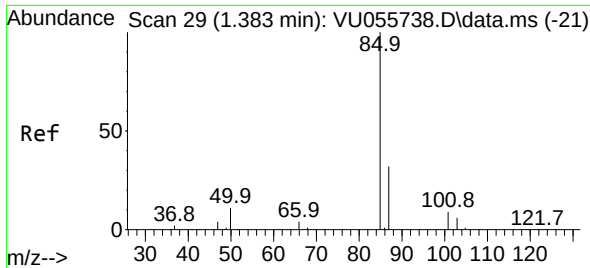
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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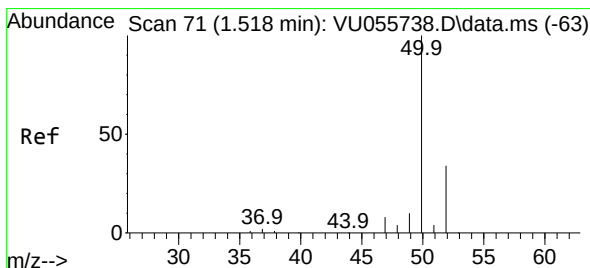
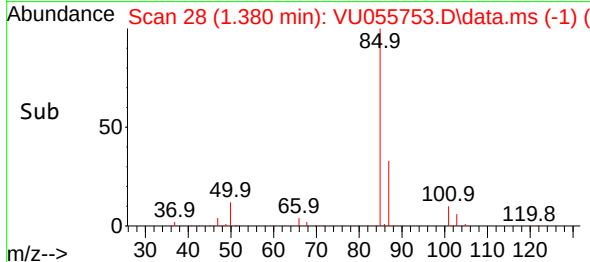
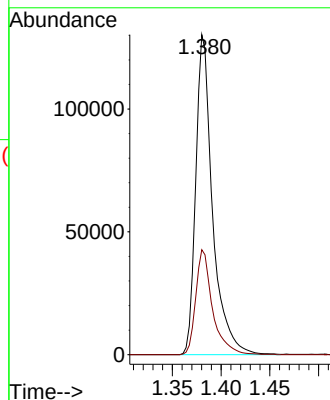
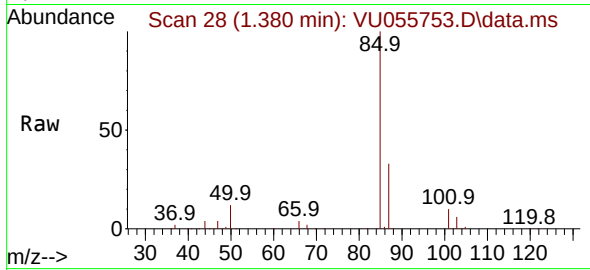




#2
 Dichlorodifluoromethane
 Concen: 44.532 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU055753.D
 Acq: 11 Oct 2023 17:24

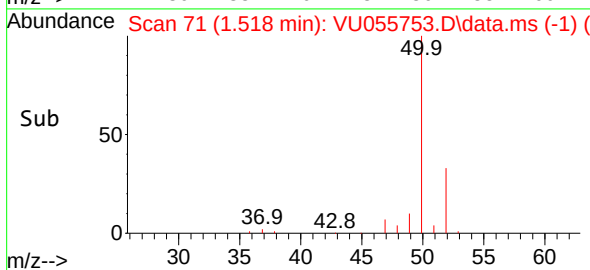
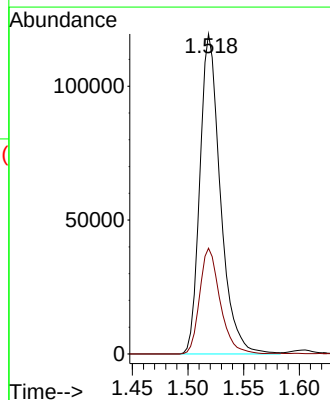
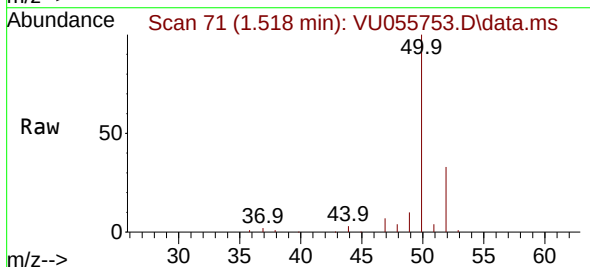
Instrument :
 MSVOA_U
 ClientSampleId :
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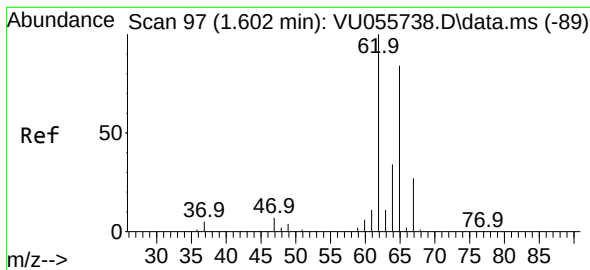
Tgt Ion: 85 Resp: 155987
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.0 39.0



#3
 Chloromethane
 Concen: 46.204 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU055753.D
 Acq: 11 Oct 2023 17:24

Tgt Ion: 50 Resp: 153139
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.8 42.4

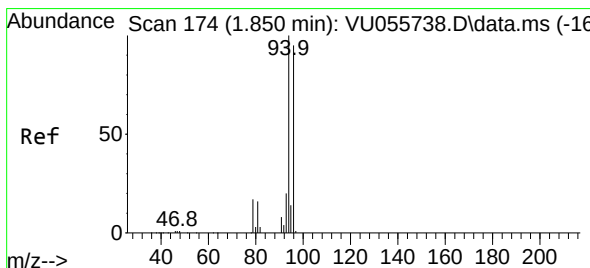
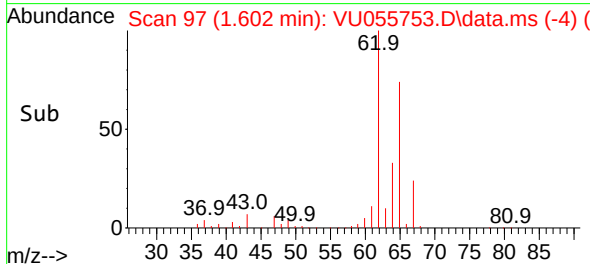
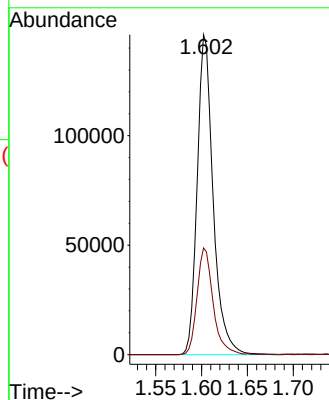
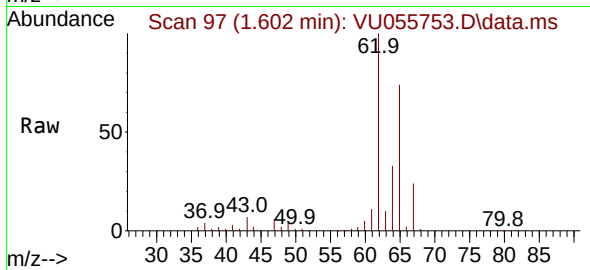




#5
 Vinyl chloride
 Concen: 48.531 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055753.D
 Acq: 11 Oct 2023 17:24

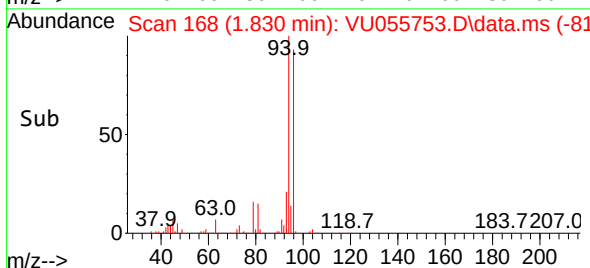
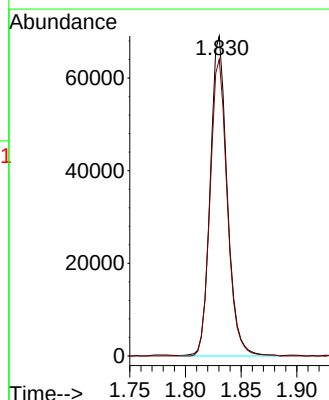
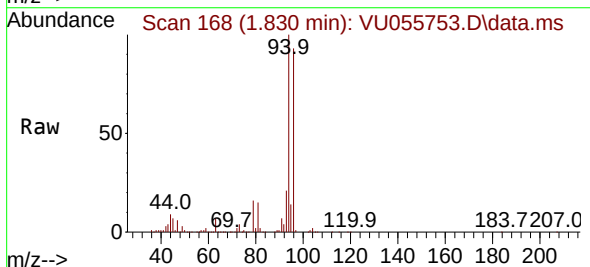
Instrument :
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 ClientSampleId :
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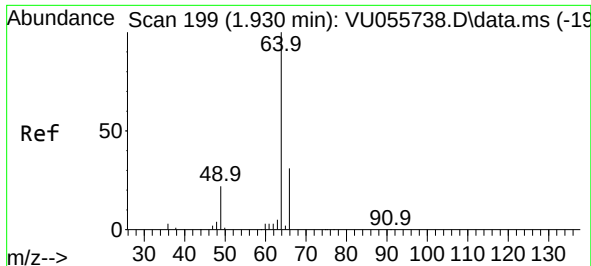
Tgt Ion: 62 Resp: 177017
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.9 44.5



#6
 Bromomethane
 Concen: 31.400 ug/L
 RT: 1.830 min Scan# 168
 Delta R.T. -0.019 min
 Lab File: VU055753.D
 Acq: 11 Oct 2023 17:24

Tgt Ion: 94 Resp: 73217
 Ion Ratio Lower Upper
 94 100
 96 92.7 63.5 117.9

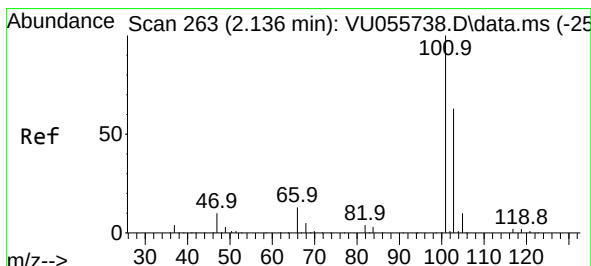
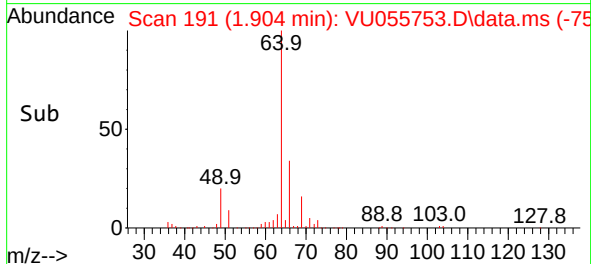
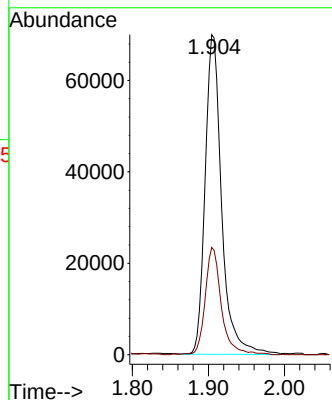
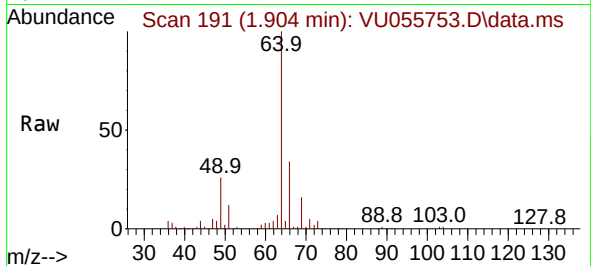




#8
Chloroethane
Concen: 44.050 ug/L
RT: 1.904 min Scan# 199
Delta R.T. -0.026 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

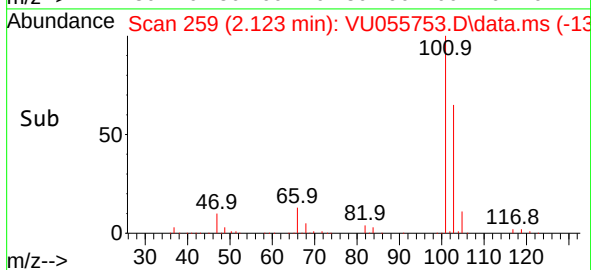
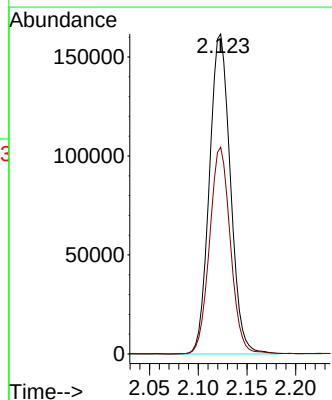
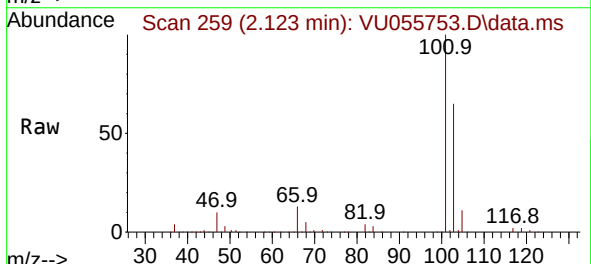
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MSVOA_U
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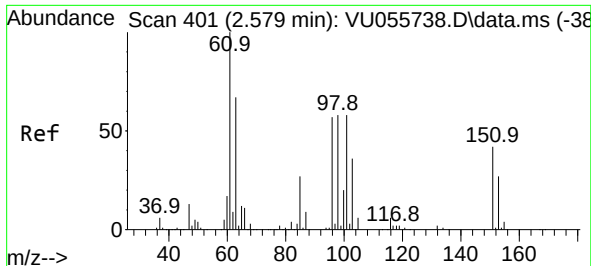
Tgt Ion: 64 Resp: 105391
Ion Ratio Lower Upper
64 100
66 33.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 46.529 ug/L
RT: 2.123 min Scan# 259
Delta R.T. -0.013 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

Tgt Ion:101 Resp: 242481
Ion Ratio Lower Upper
101 100
103 63.8 51.3 76.9

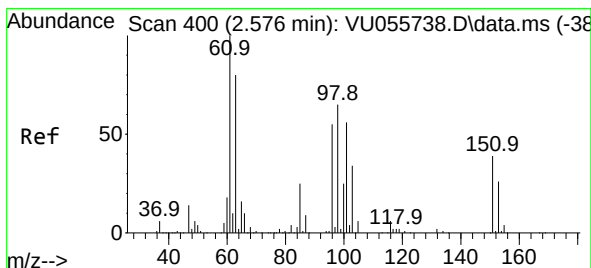
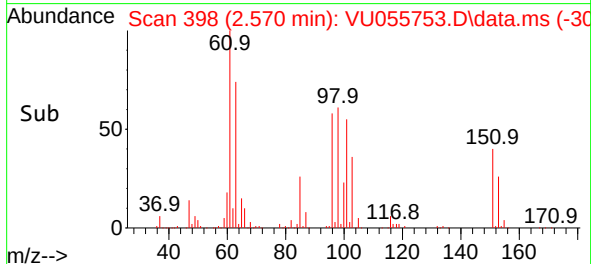
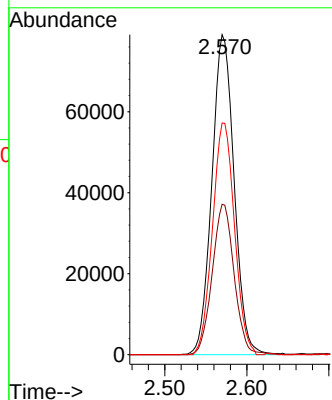
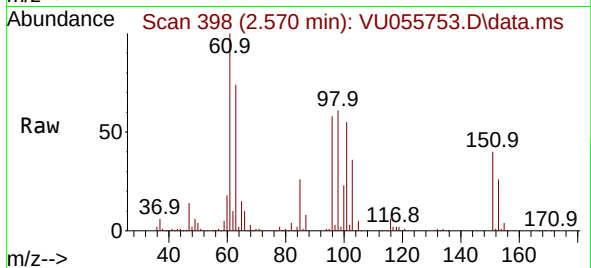




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 44.548 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.010 min
Lab File: VU055753.D
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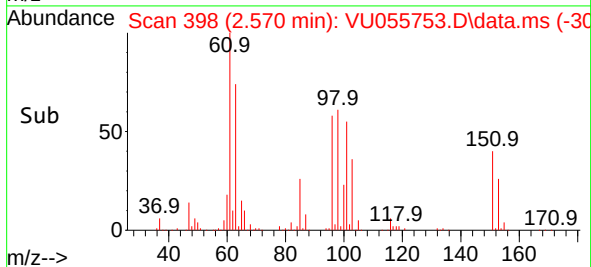
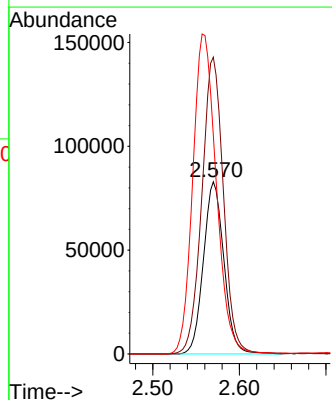
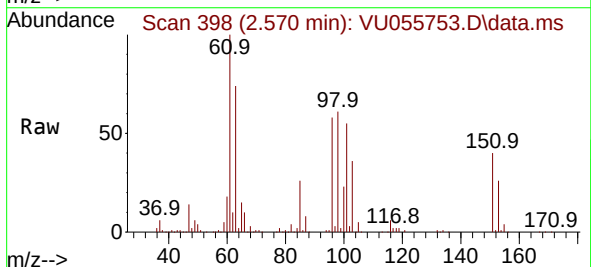
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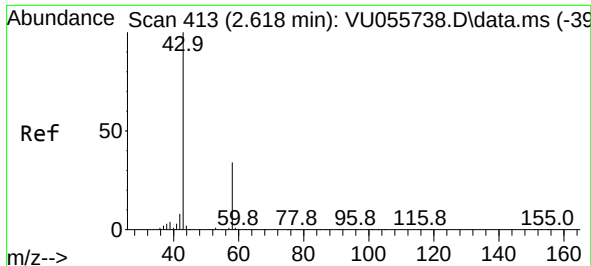
Tgt Ion:101 Resp: 149305
Ion Ratio Lower Upper
101 100
85 46.1 37.1 55.7
151 71.5 58.2 87.4



#12
1,1-Dichloroethene
Concen: 45.609 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

Tgt Ion: 96 Resp: 136025
Ion Ratio Lower Upper
96 100
61 172.4 122.0 226.6
63 127.0 93.7 174.1





#13

Acetone

Concen: 64.613 ug/L

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

Instrument :

MSVOA_U

ClientSampleId :

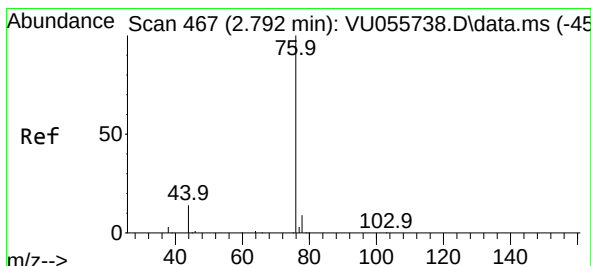
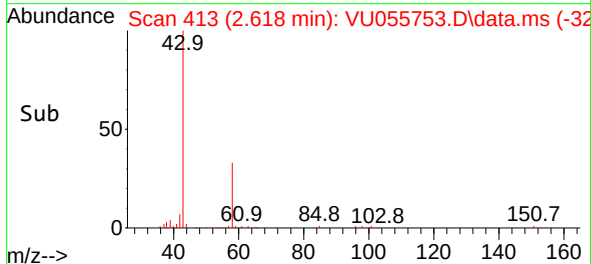
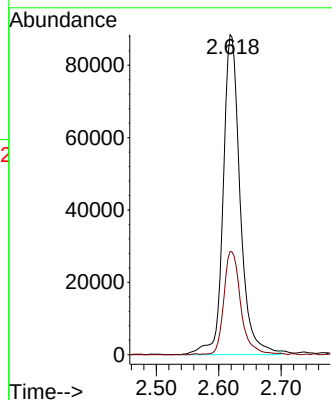
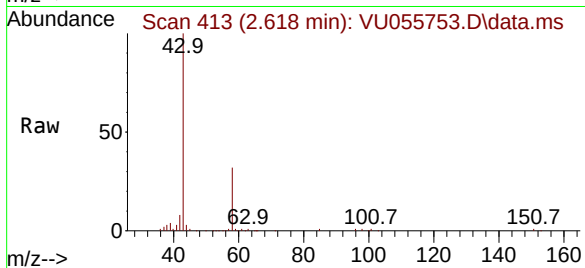
EY1B0MS

Tgt Ion: 43 Resp: 167649

Ion Ratio Lower Upper

43 100

58 31.6 0.0 67.4



#14

Carbon disulfide

Concen: 40.328 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.010 min

Lab File: VU055753.D

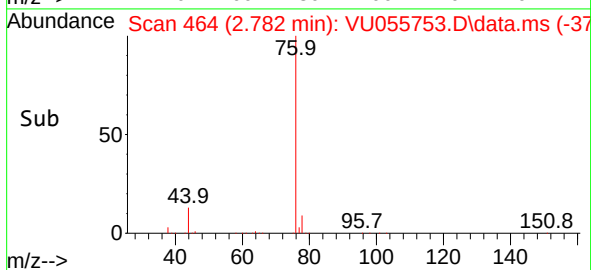
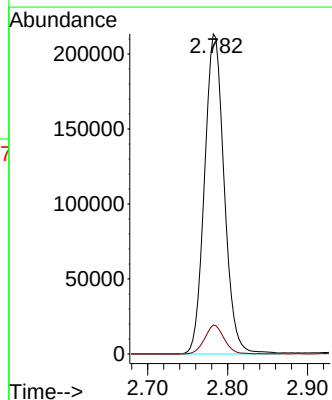
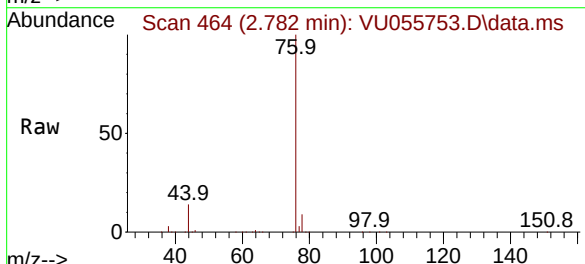
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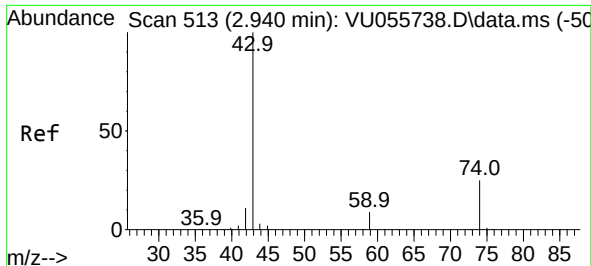
Tgt Ion: 76 Resp: 366019

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2

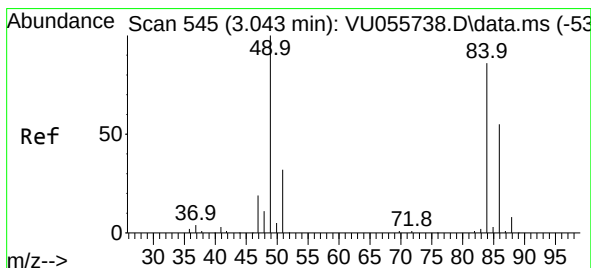
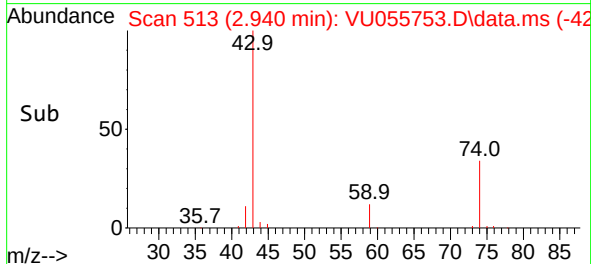
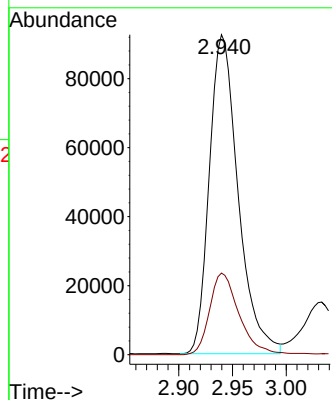
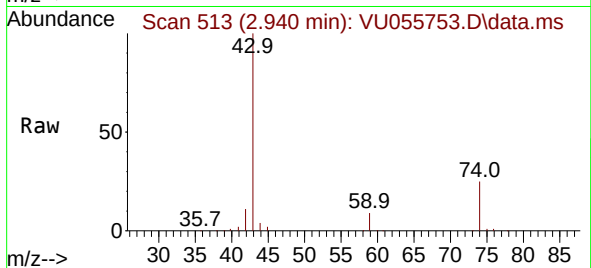




#15
Methyl Acetate
Concen: 43.361 ug/L
RT: 2.940 min Scan# 513
Delta R.T. 0.000 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

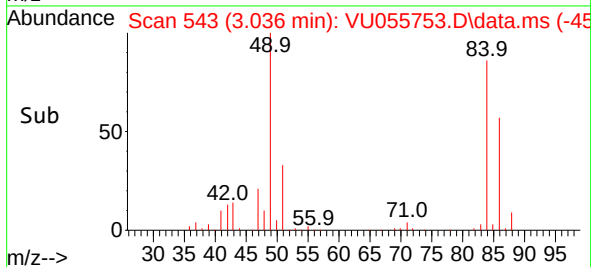
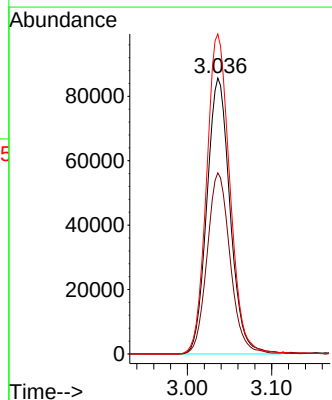
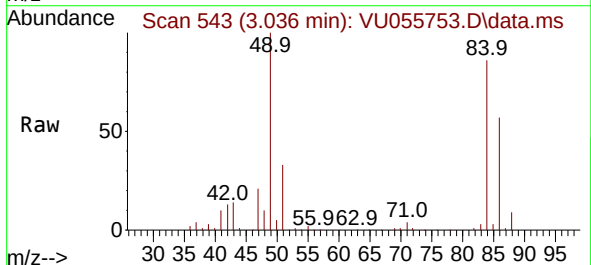
Instrument :
MSVOA_U
ClientSampleId :
EY1B0MS

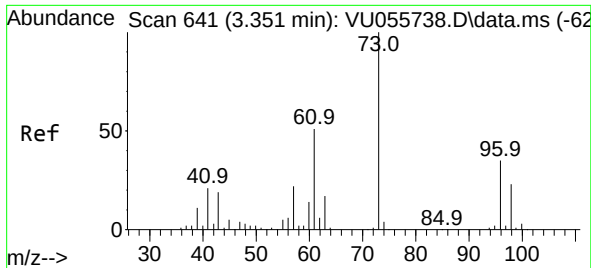
Tgt Ion: 43 Resp: 172300
Ion Ratio Lower Upper
43 100
74 26.4 19.5 29.3



#16
Methylene chloride
Concen: 45.352 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.006 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

Tgt Ion: 84 Resp: 164028
Ion Ratio Lower Upper
84 100
86 65.6 46.3 86.1
49 116.0 84.8 157.6

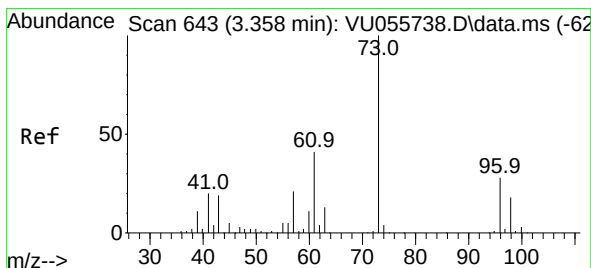
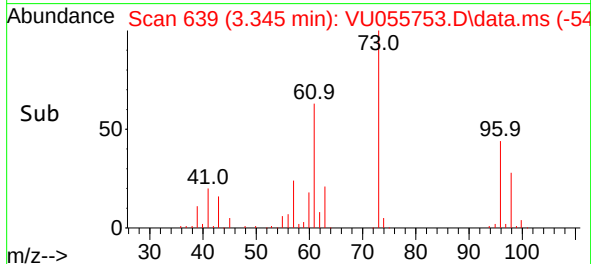
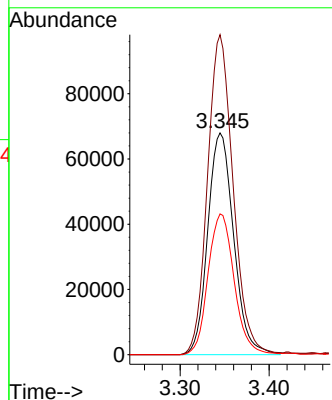
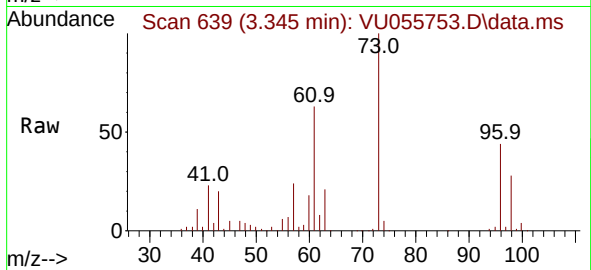




#17
trans-1,2-Dichloroethene
Concen: 45.088 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

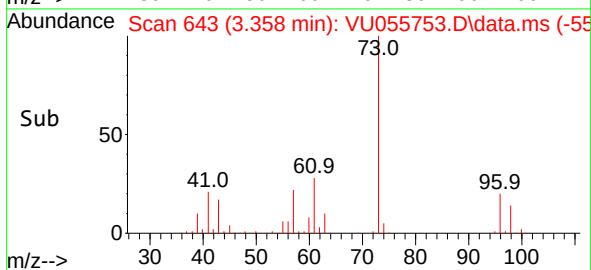
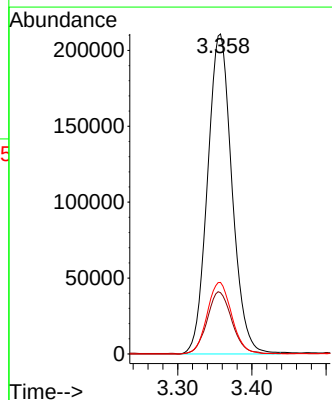
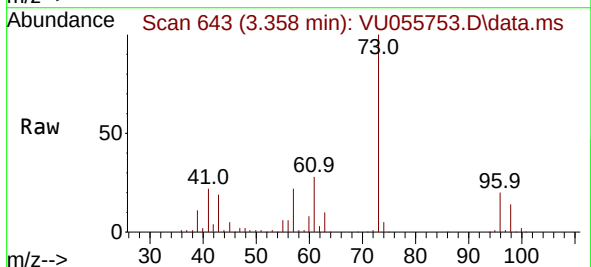
Instrument :
MSVOA_U
ClientSampleId :
EY1B0MS

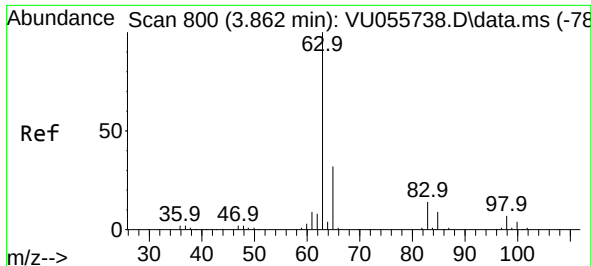
Tgt Ion: 96 Resp: 137503
Ion Ratio Lower Upper
96 100
61 144.3 102.1 189.7
98 63.5 46.3 86.1



#18
Methyl tert-butyl Ether
Concen: 49.084 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

Tgt Ion: 73 Resp: 481403
Ion Ratio Lower Upper
73 100
43 19.8 15.4 23.2
57 22.6 17.7 26.5

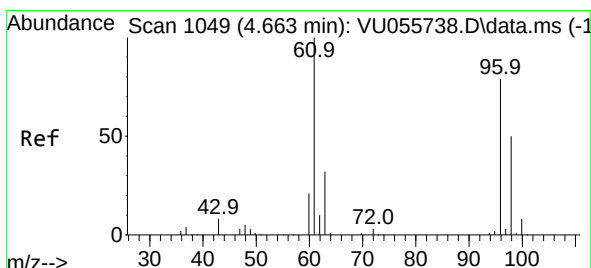
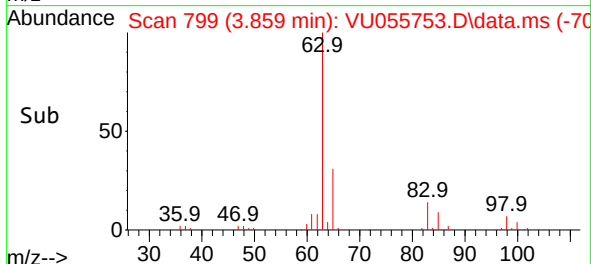
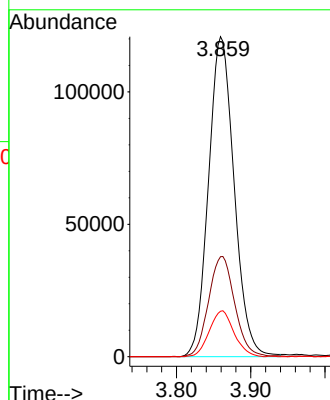
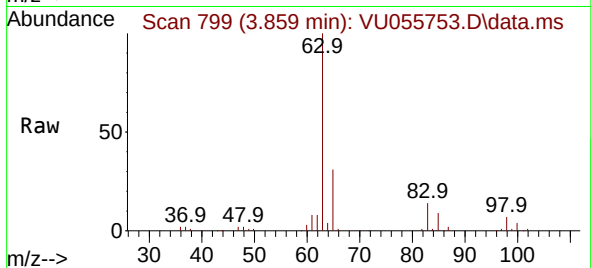




#19
1,1-Dichloroethane
Concen: 46.314 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

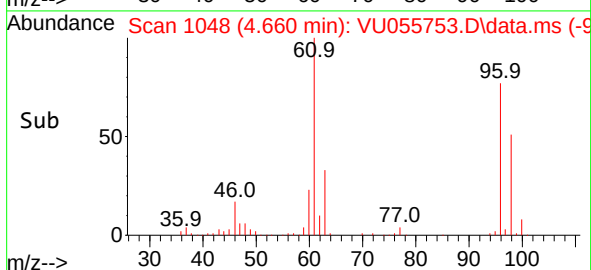
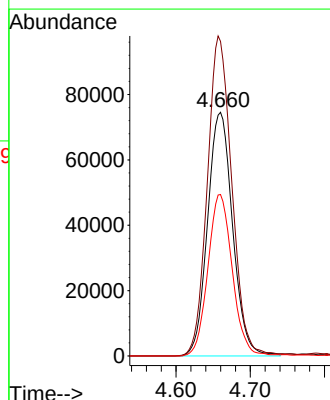
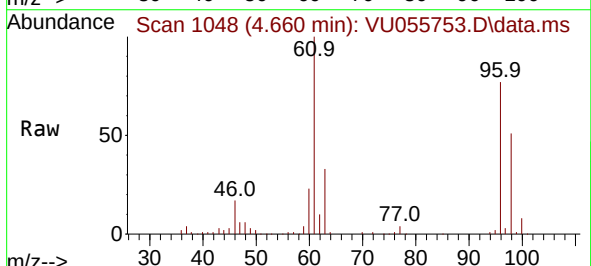
Instrument :
MSVOA_U
ClientSampleId :
EY1B0MS

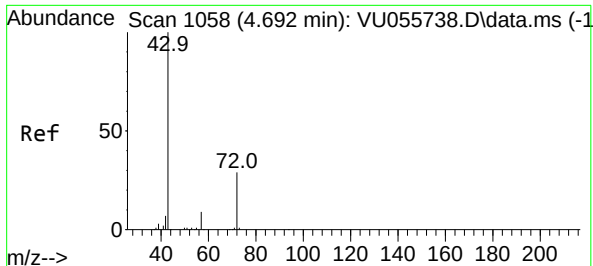
Tgt Ion: 63 Resp: 289651
Ion Ratio Lower Upper
63 100
65 31.2 22.3 41.5
83 14.2 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 50.286 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

Tgt Ion: 96 Resp: 175025
Ion Ratio Lower Upper
96 100
61 129.1 92.3 171.5
98 66.3 43.9 81.5

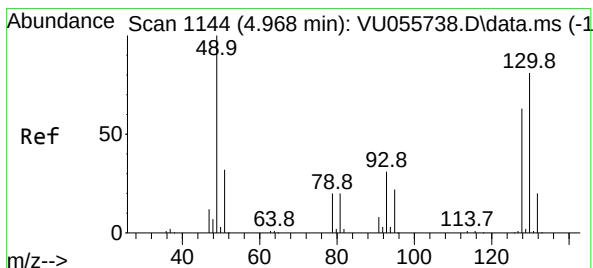
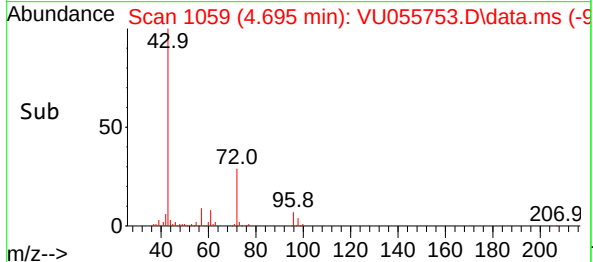
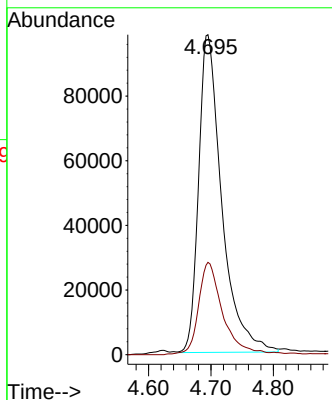
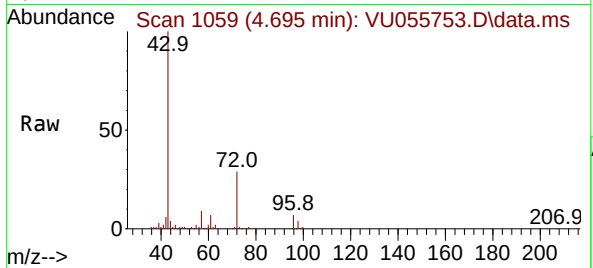




#22
2-Butanone
Concen: 81.115 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. 0.003 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

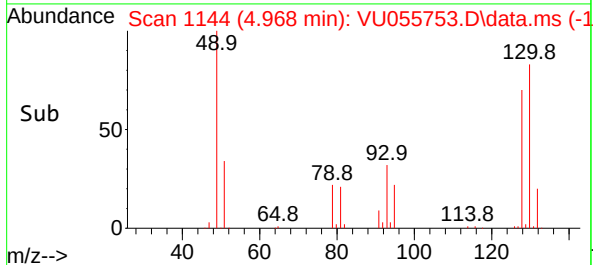
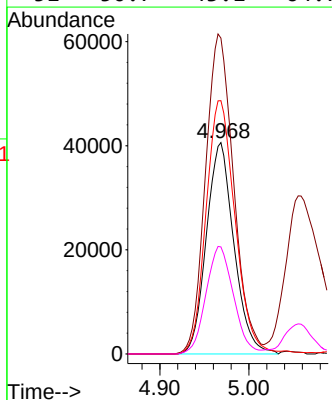
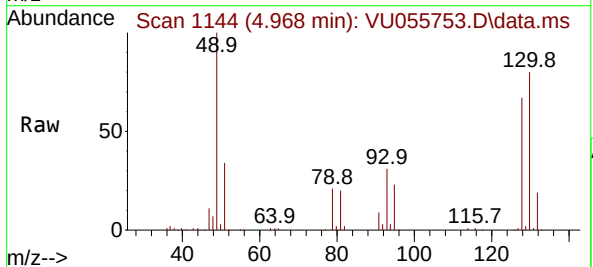
Instrument :
MSVOA_U
ClientSampleId :
EY1B0MS

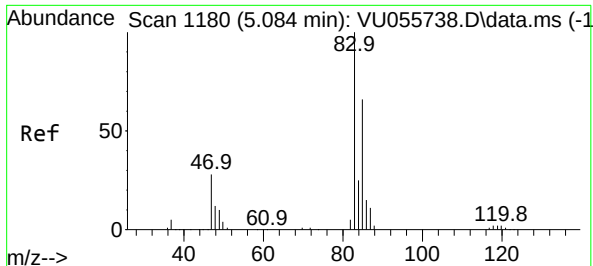
Tgt Ion: 43 Resp: 253676
Ion Ratio Lower Upper
43 100
72 29.1 14.6 44.0



#23
Bromochloromethane
Concen: 48.329 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

Tgt Ion:128 Resp: 87116
Ion Ratio Lower Upper
128 100
49 149.5 116.3 216.1
130 119.9 91.6 170.0
51 50.7 43.1 64.7





#25

Chloroform

Concen: 46.954 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

Instrument :

MSVOA_U

ClientSampleId :

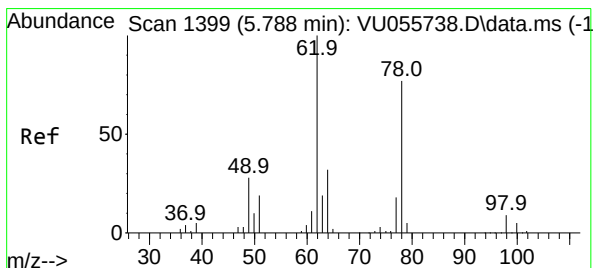
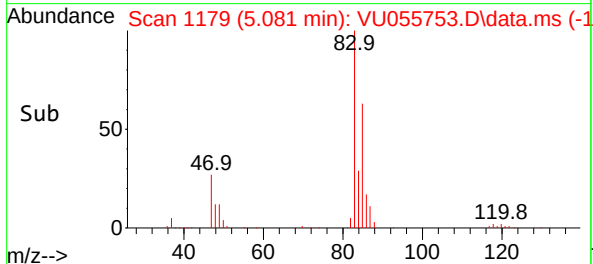
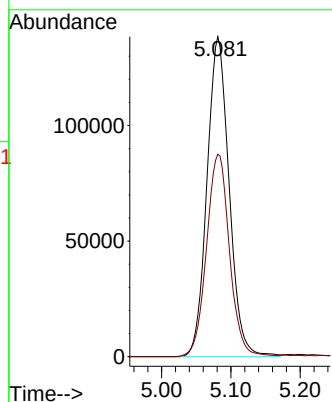
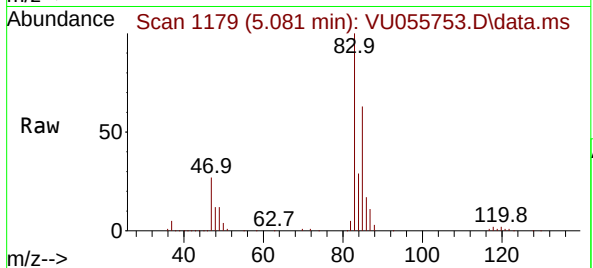
EY1B0MS

Tgt Ion: 83 Resp: 306761

Ion Ratio Lower Upper

83 100

85 63.3 46.3 86.1



#27

1,2-Dichloroethane

Concen: 48.777 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU055753.D

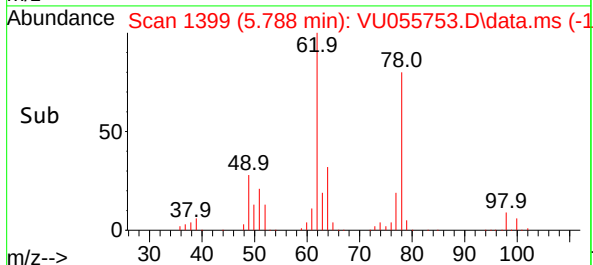
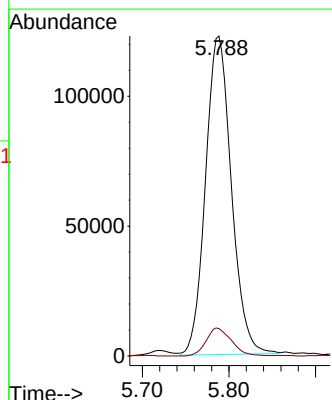
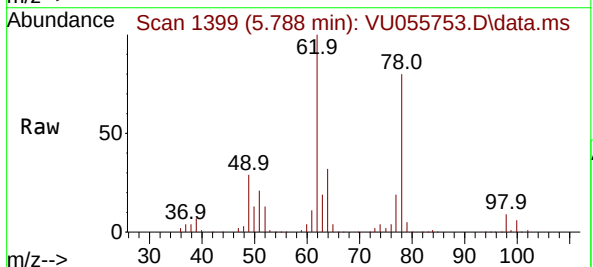
Acq: 11 Oct 2023 17:24

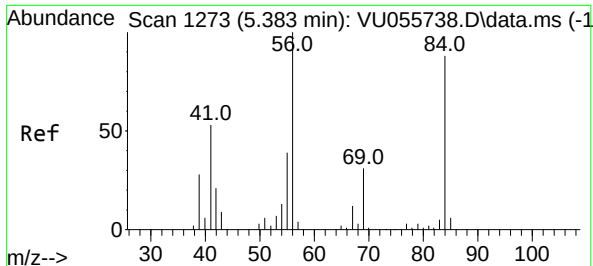
Tgt Ion: 62 Resp: 254874

Ion Ratio Lower Upper

62 100

98 8.6 7.2 10.8





#29

Cyclohexane

Concen: 46.215 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

Instrument :

MSVOA_U

ClientSampleId :

EY1B0MS

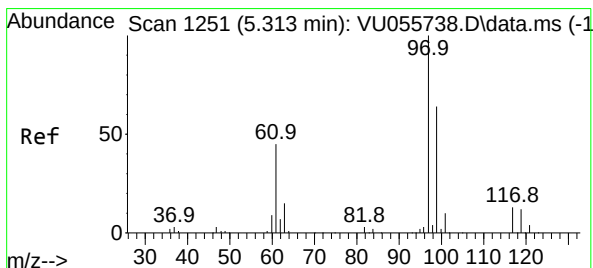
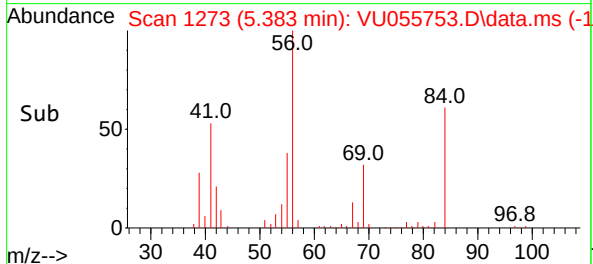
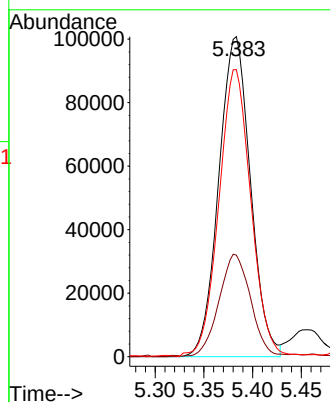
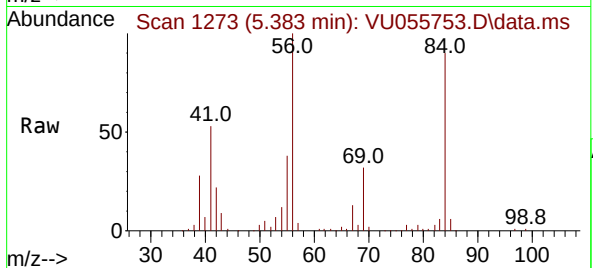
Tgt Ion: 56 Resp: 228038

Ion Ratio Lower Upper

56 100

69 31.5 24.9 37.3

84 89.2 70.7 106.1



#30

1,1,1-Trichloroethane

Concen: 47.754 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

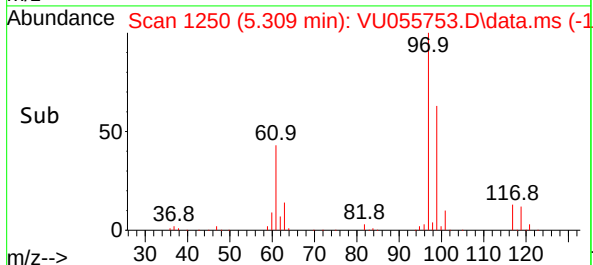
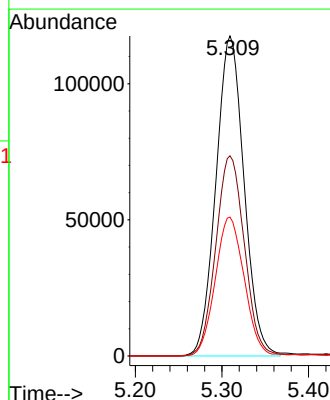
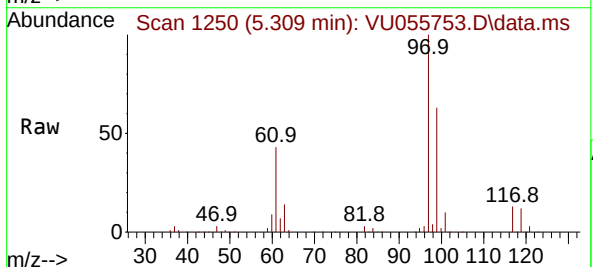
Tgt Ion: 97 Resp: 265592

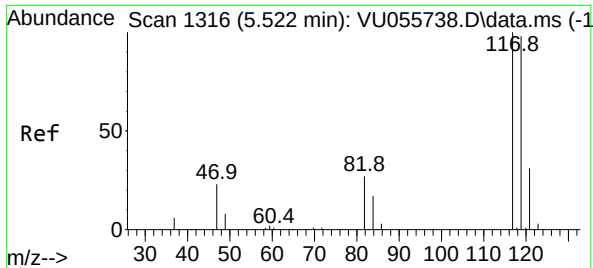
Ion Ratio Lower Upper

97 100

99 63.6 51.6 77.4

61 44.6 36.8 55.2

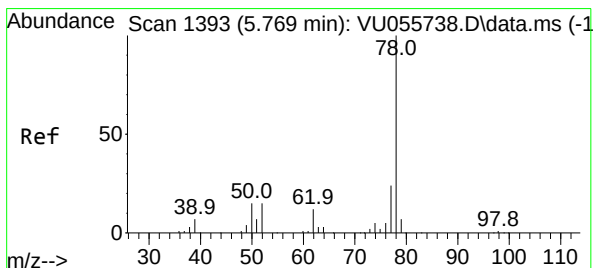
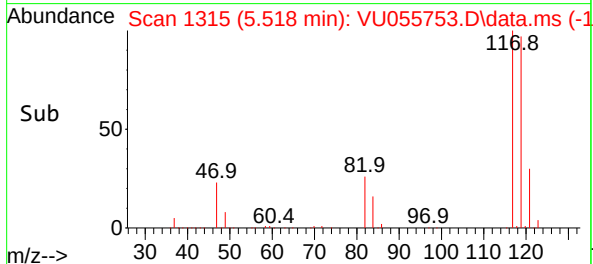
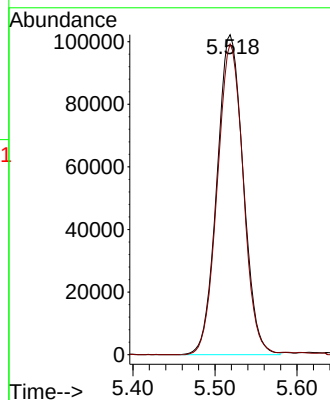
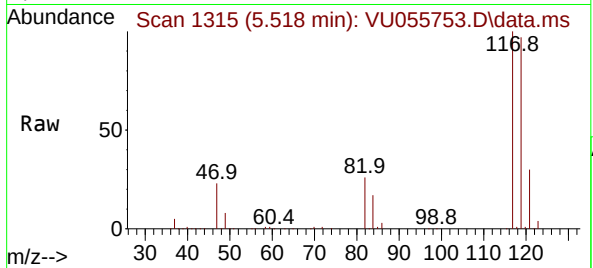




#31
Carbon tetrachloride
Concen: 46.852 ug/L
RT: 5.518 min Scan# 111
Delta R.T. -0.003 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

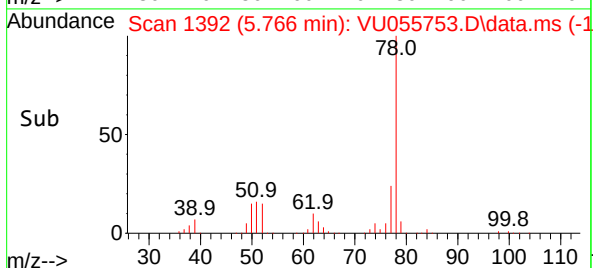
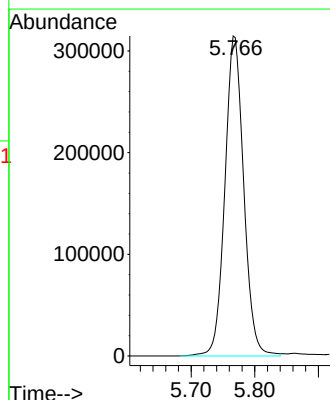
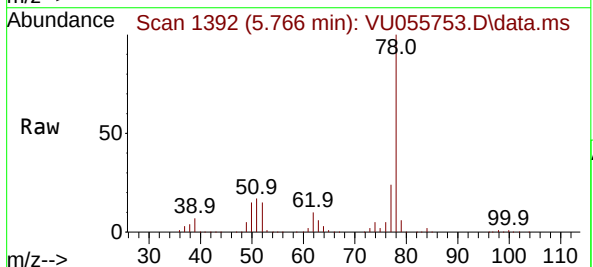
Instrument :
MSVOA_U
ClientSampleId :
EY1B0MS

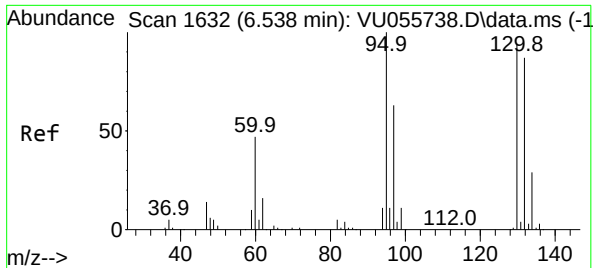
Tgt Ion:117 Resp: 228081
Ion Ratio Lower Upper
117 100
119 95.6 75.4 113.0



#33
Benzene
Concen: 47.552 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

Tgt Ion: 78 Resp: 647081



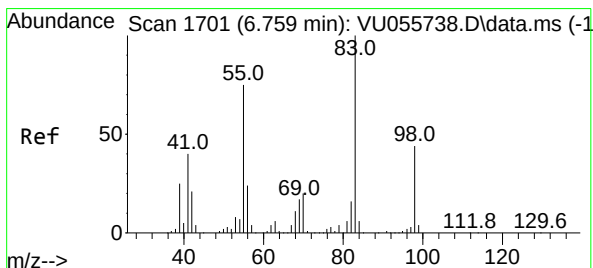
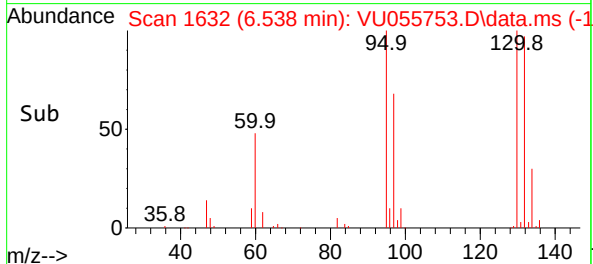
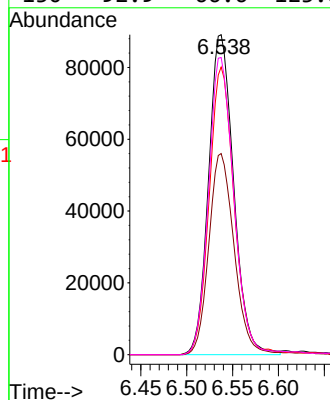
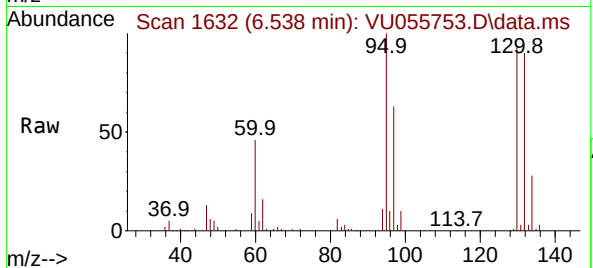


#34
Trichloroethene
Concen: 45.632 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

Instrument :
MSVOA_U
ClientSampleId :
EY1B0MS

Tgt Ion: 95 Resp: 169906

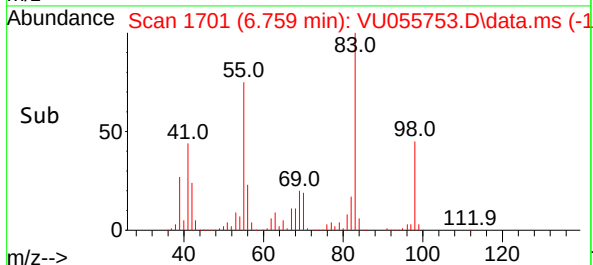
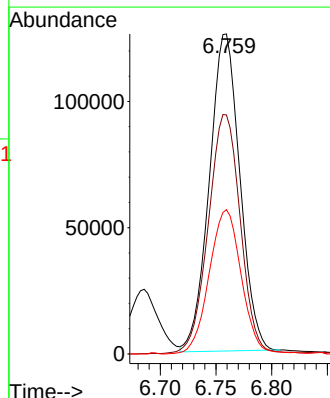
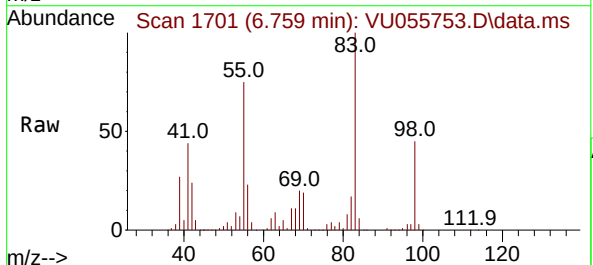
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.4	82.5
132	89.9	61.8	114.8
130	92.9	66.6	123.8

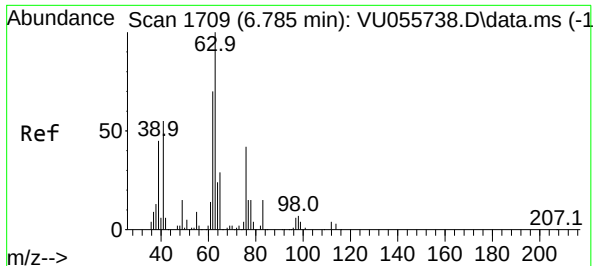


#35
Methylcyclohexane
Concen: 44.332 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

Tgt Ion: 83 Resp: 239493

Ion	Ratio	Lower	Upper
83	100		
55	79.3	61.2	91.8
98	47.8	35.8	53.6

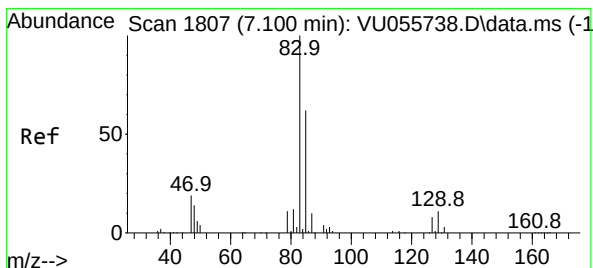
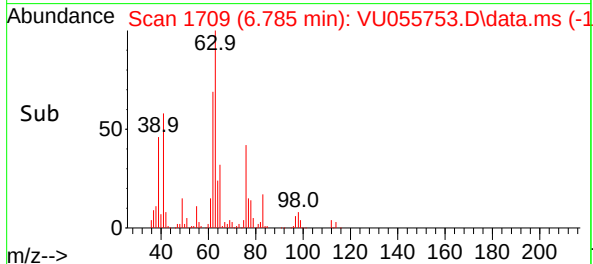
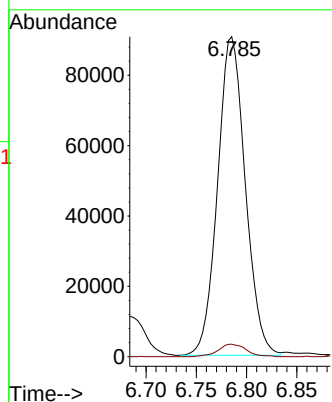
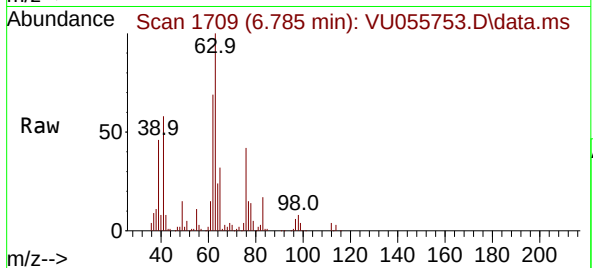




#37
1,2-Dichloropropane
Concen: 46.370 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

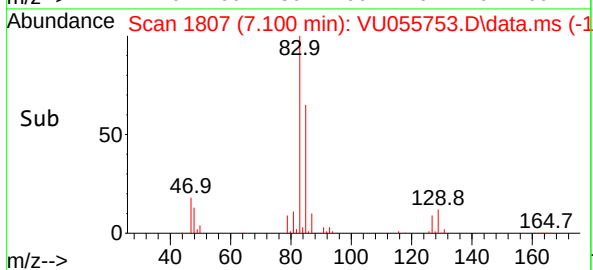
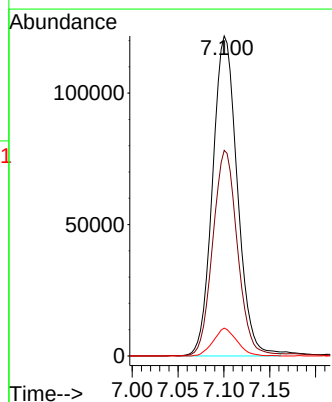
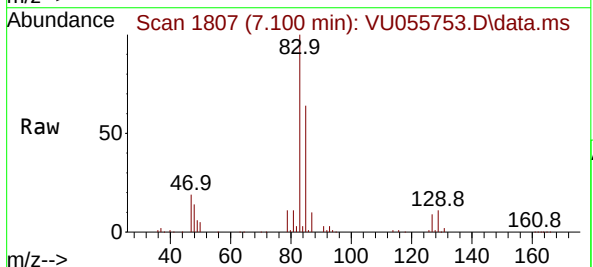
Instrument :
MSVOA_U
ClientSampleId :
EY1B0MS

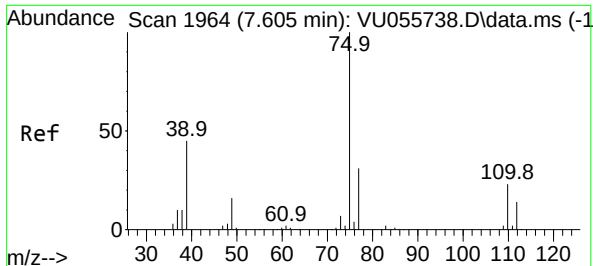
Tgt Ion: 63 Resp: 173755
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.4



#38
Bromodichloromethane
Concen: 46.301 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

Tgt Ion: 83 Resp: 228794
Ion Ratio Lower Upper
83 100
85 64.2 46.0 85.4
127 8.7 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 48.532 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.003 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

Instrument :

MSVOA_U

ClientSampleId :

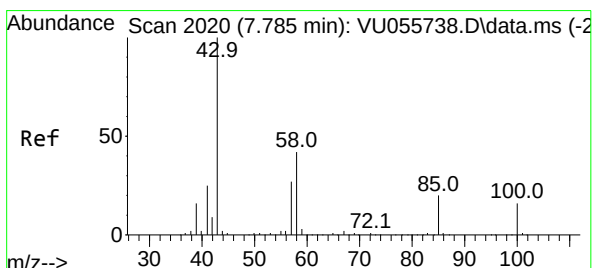
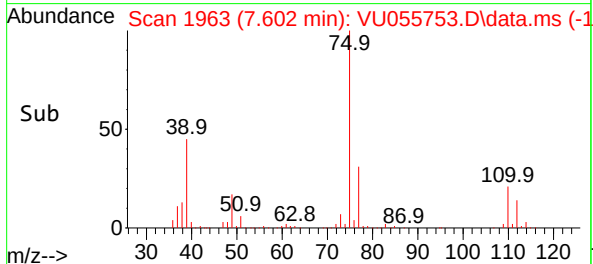
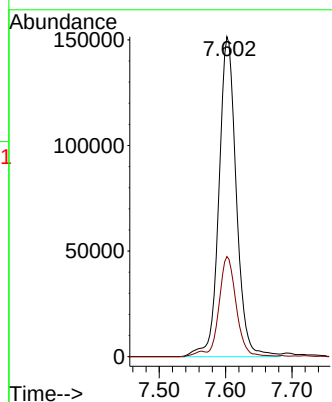
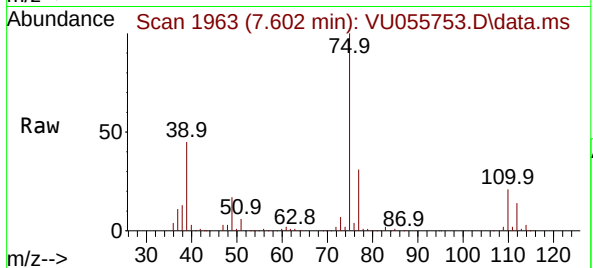
EY1B0MS

Tgt Ion: 75 Resp: 276669

Ion Ratio Lower Upper

75 100

77 31.3 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 104.429 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

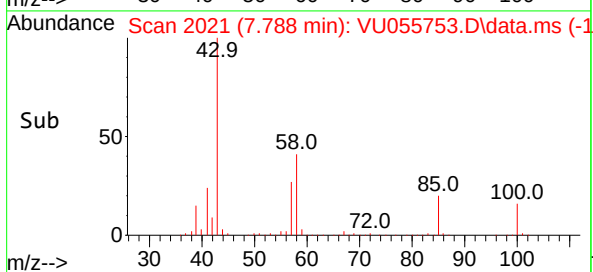
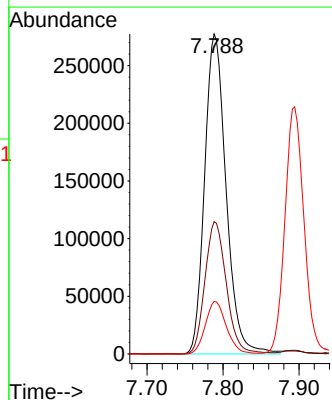
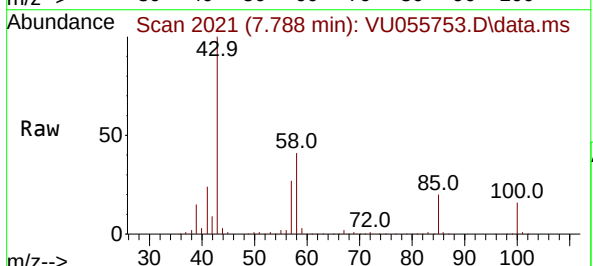
Tgt Ion: 43 Resp: 544385

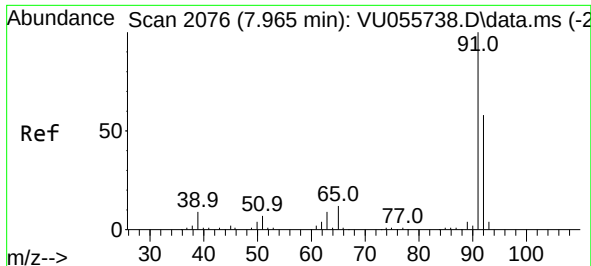
Ion Ratio Lower Upper

43 100

58 41.3 32.3 48.5

100 16.1 12.0 18.0





#42

Toluene

Concen: 47.765 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

Instrument :

MSVOA_U

ClientSampleId :

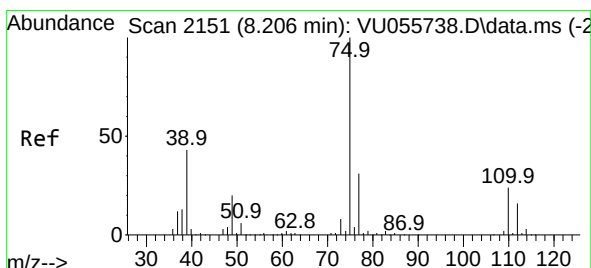
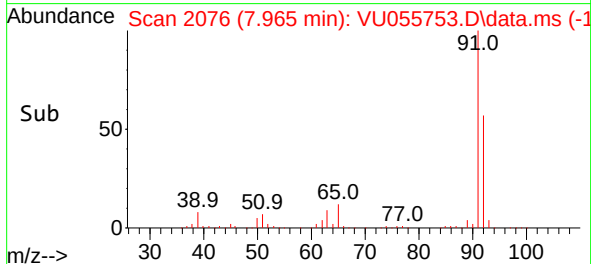
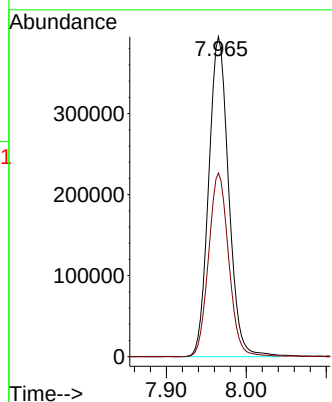
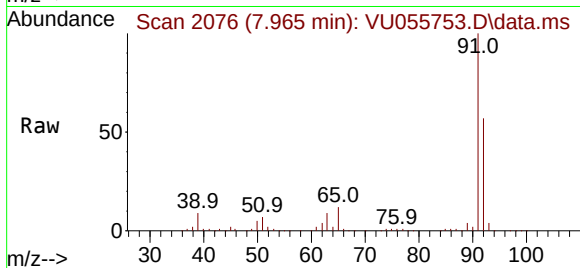
EY1B0MS

Tgt Ion: 91 Resp: 685851

Ion Ratio Lower Upper

91 100

92 57.4 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 47.561 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU055753.D

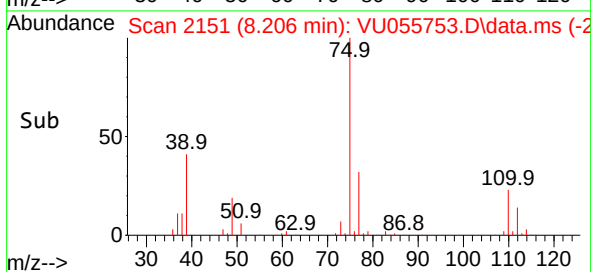
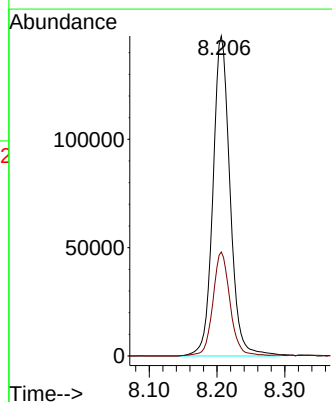
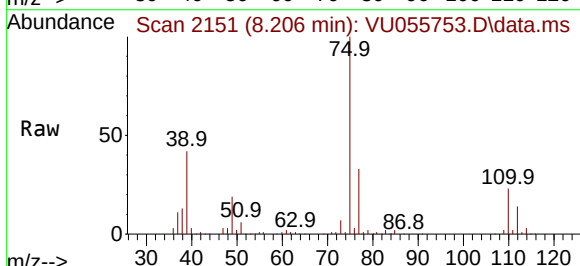
Acq: 11 Oct 2023 17:24

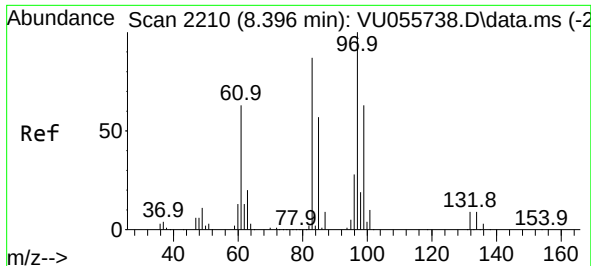
Tgt Ion: 75 Resp: 259424

Ion Ratio Lower Upper

75 100

77 32.5 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 49.259 ug/L

RT: 8.396 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

Instrument :

MSVOA_U

ClientSampleId :

EY1B0MS

Tgt Ion: 97 Resp: 182004

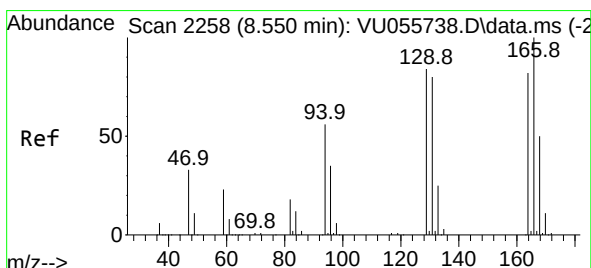
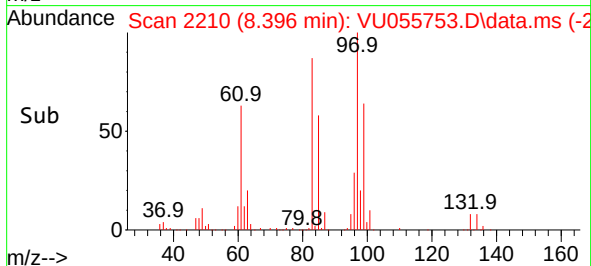
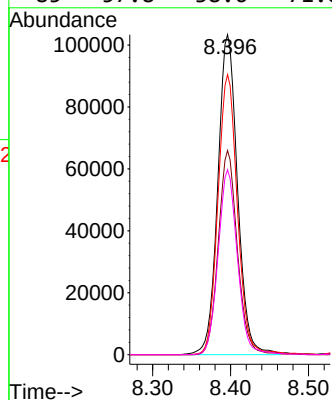
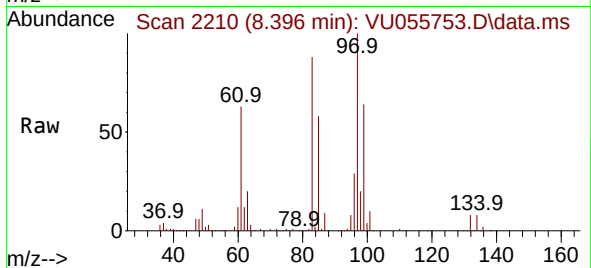
Ion Ratio Lower Upper

97 100

99 63.8 44.4 82.5

83 87.5 60.4 112.2

85 57.8 38.6 71.8



#46

Tetrachloroethene

Concen: 72.443 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

Tgt Ion:164 Resp: 193120

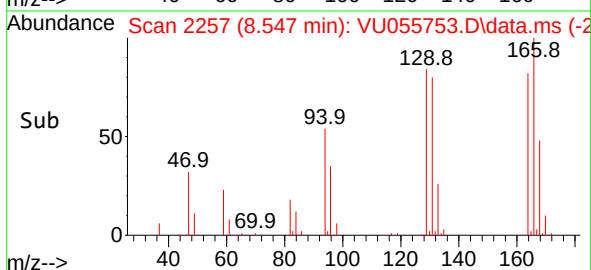
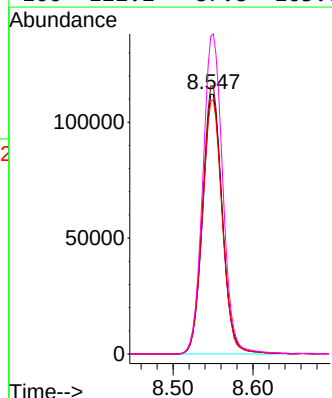
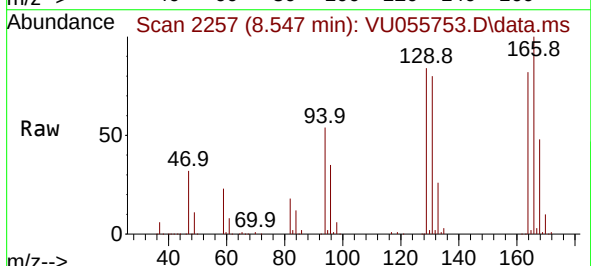
Ion Ratio Lower Upper

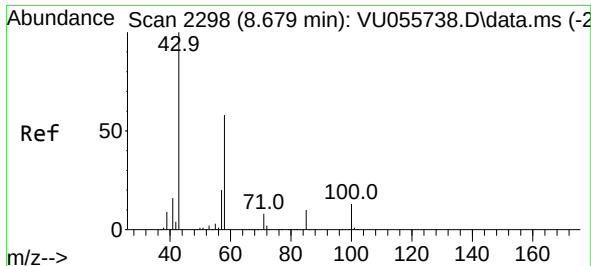
164 100

129 103.1 70.7 131.3

131 97.2 65.9 122.5

166 122.2 87.8 163.0

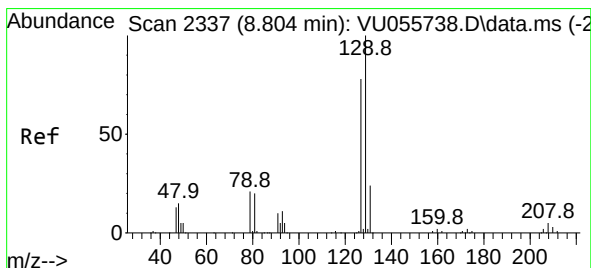
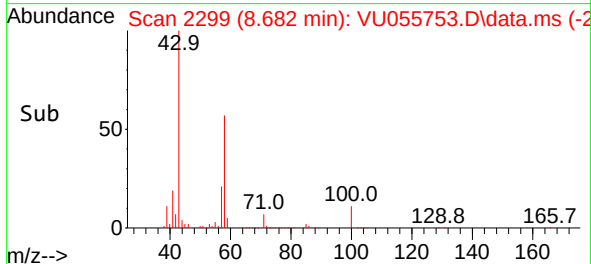
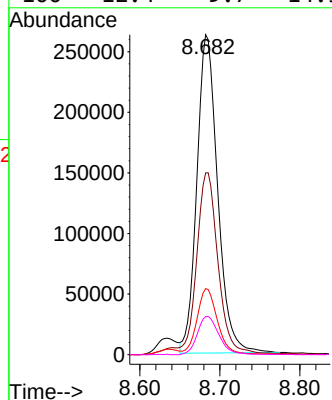
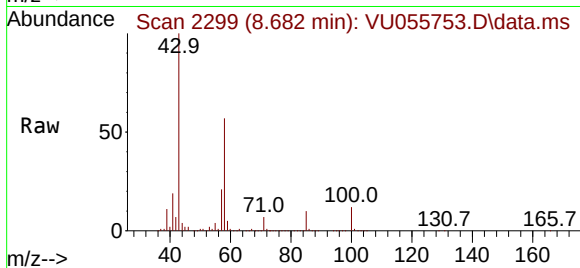




#48
2-Hexanone
Concen: 108.325 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

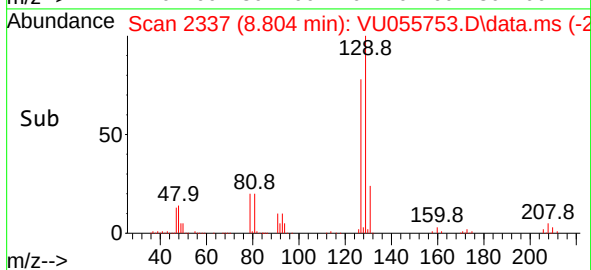
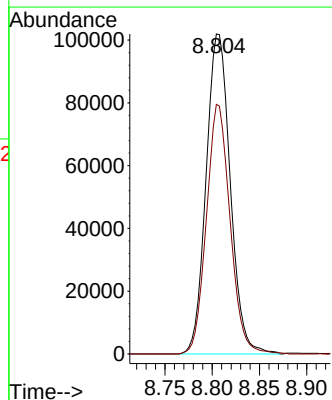
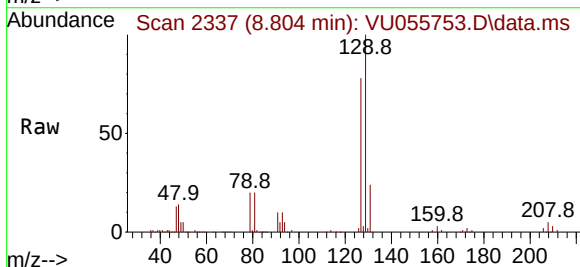
Instrument :
MSVOA_U
ClientSampleId :
EY1B0MS

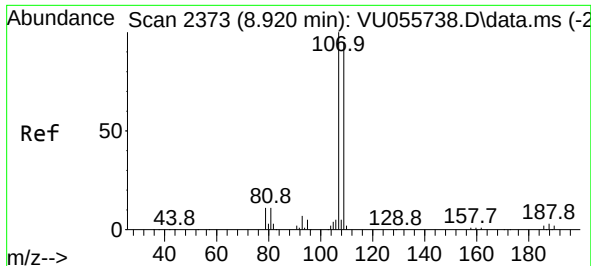
Tgt Ion: 43 Resp: 476980
Ion Ratio Lower Upper
43 100
58 57.2 45.2 67.8
57 20.7 16.1 24.1
100 12.4 9.7 14.5



#49
Dibromochloromethane
Concen: 48.103 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

Tgt Ion:129 Resp: 181605
Ion Ratio Lower Upper
129 100
127 78.0 54.0 100.4

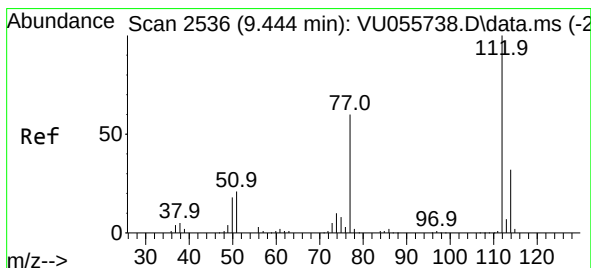
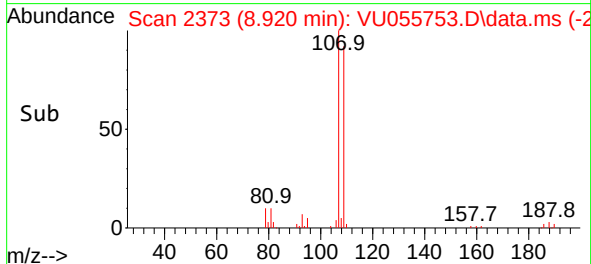
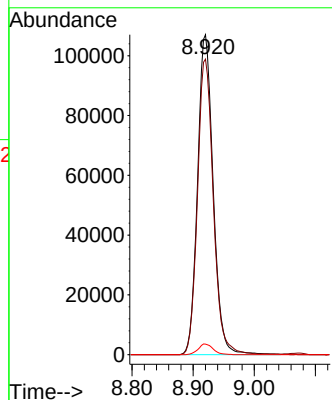
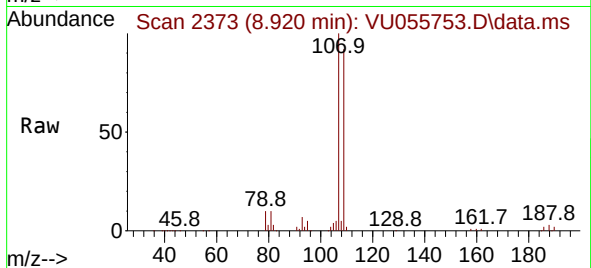




#50
1,2-Dibromoethane
Concen: 47.963 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

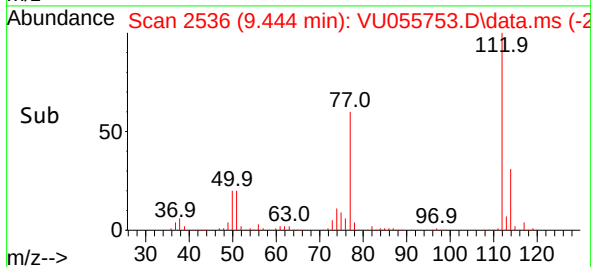
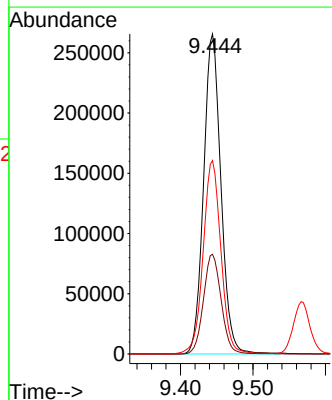
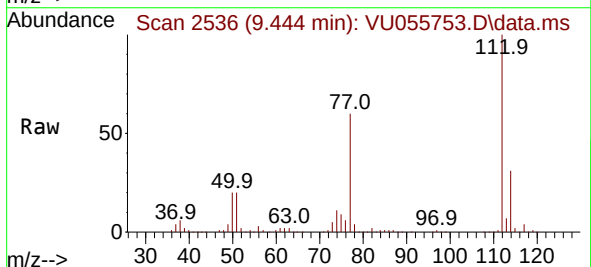
Instrument :
MSVOA_U
ClientSampleId :
EY1B0MS

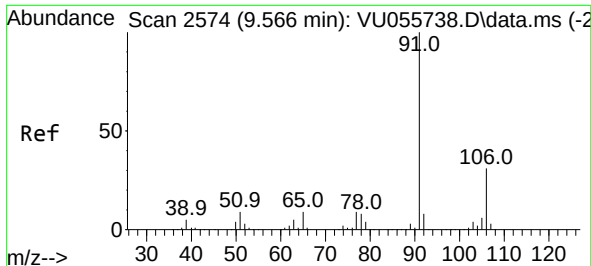
Tgt Ion:107 Resp: 190349
Ion Ratio Lower Upper
107 100
109 92.3 66.7 123.9
188 3.5 2.6 4.0



#51
Chlorobenzene
Concen: 47.486 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

Tgt Ion:112 Resp: 441159
Ion Ratio Lower Upper
112 100
114 31.2 22.0 40.8
77 60.5 49.0 73.6

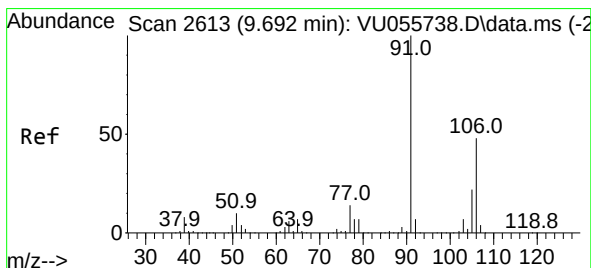
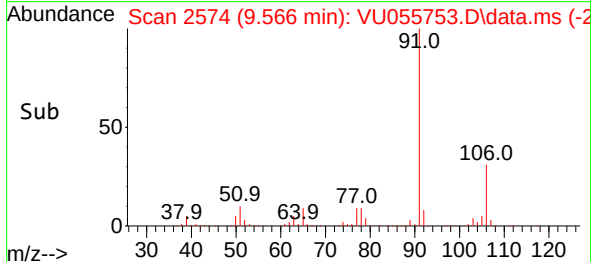
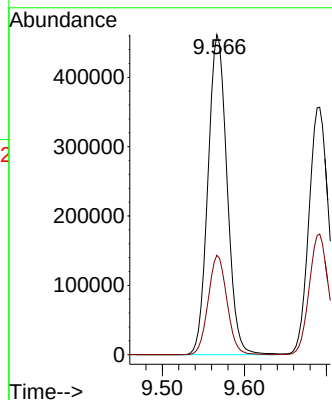
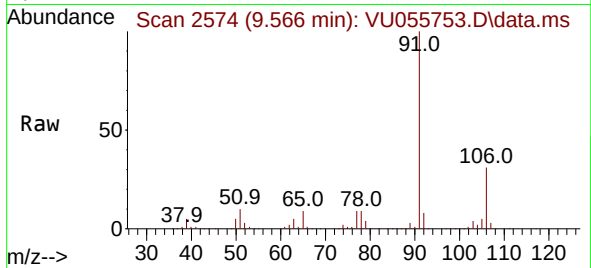




#52
Ethylbenzene
Concen: 47.544 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

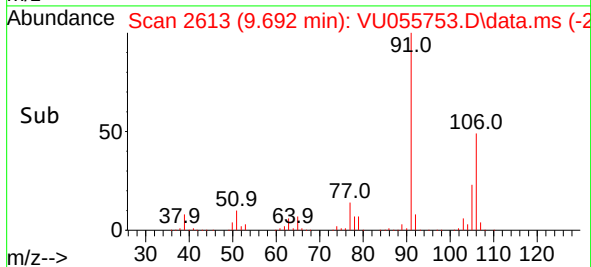
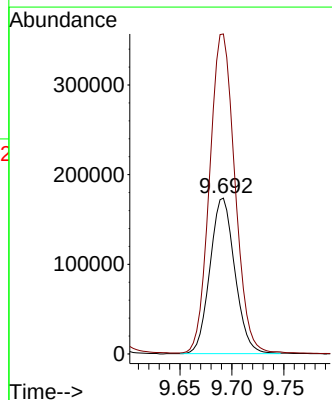
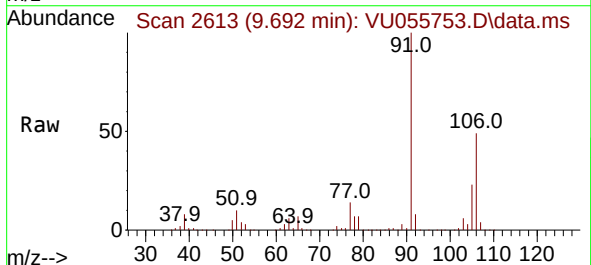
Instrument :
MSVOA_U
ClientSampleId :
EY1B0MS

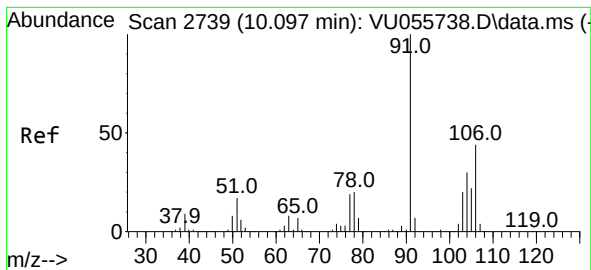
Tgt Ion: 91 Resp: 746356
Ion Ratio Lower Upper
91 100
106 31.1 21.2 39.4



#53
m,p-Xylene
Concen: 49.082 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

Tgt Ion: 106 Resp: 288663
Ion Ratio Lower Upper
106 100
91 205.3 143.8 267.0





#54

o-Xylene

Concen: 51.158 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

Instrument :

MSVOA_U

ClientSampleId :

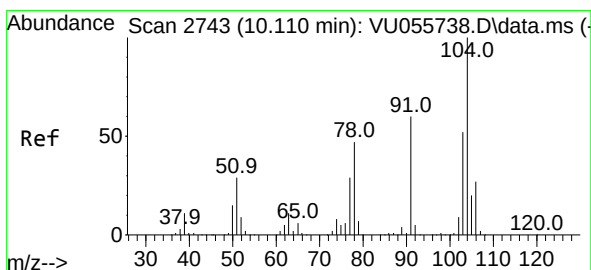
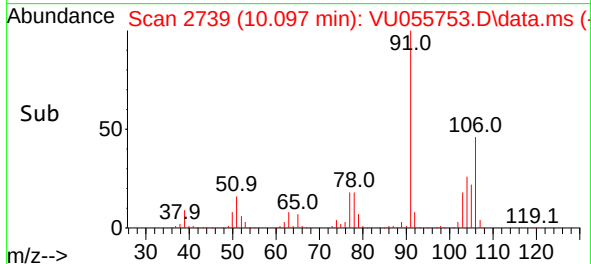
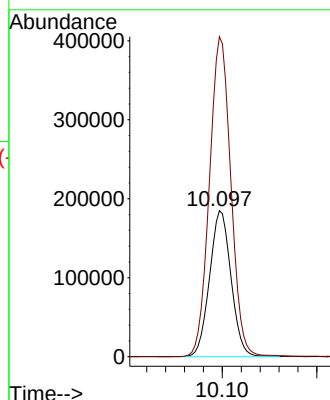
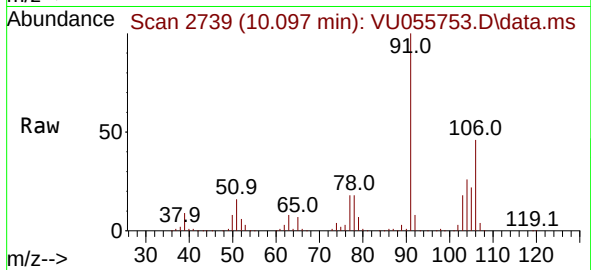
EY1B0MS

Tgt Ion:106 Resp: 291150

Ion Ratio Lower Upper

106 100

91 218.9 151.8 282.0



#55

Styrene

Concen: 53.382 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU055753.D

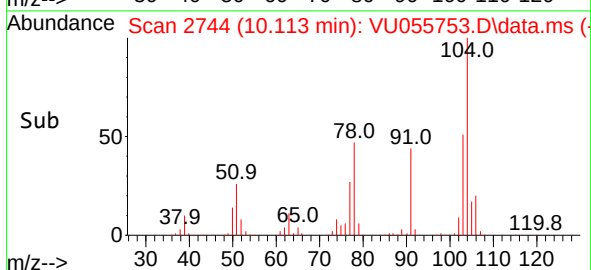
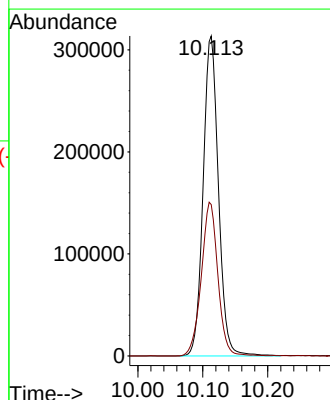
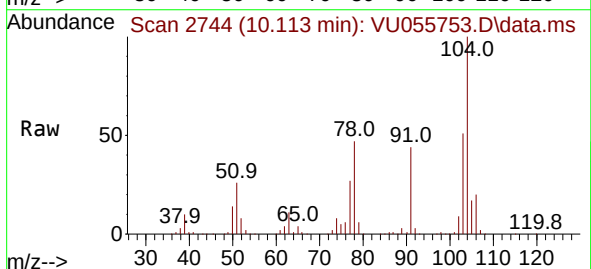
Acq: 11 Oct 2023 17:24

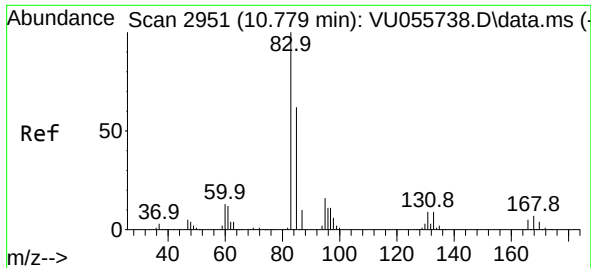
Tgt Ion:104 Resp: 514657

Ion Ratio Lower Upper

104 100

78 47.3 33.6 62.4

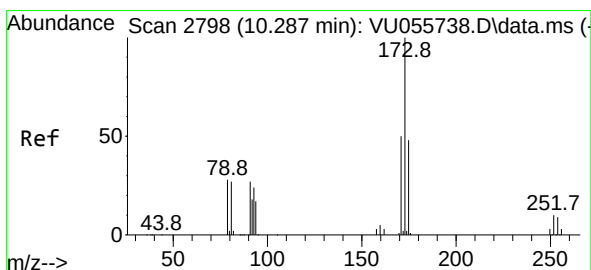
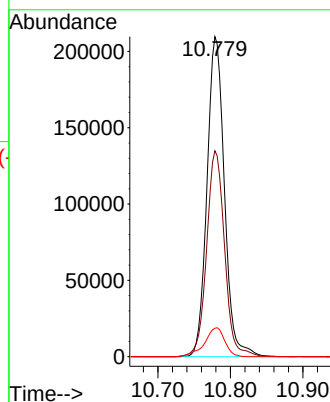
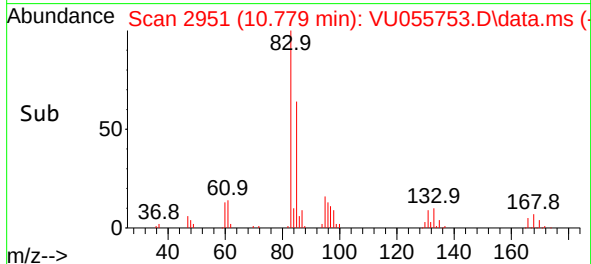
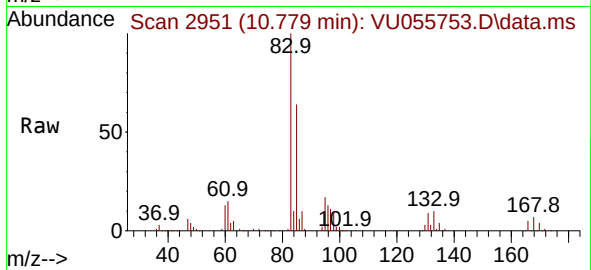




#57
1,1,2,2-Tetrachloroethane
Concen: 55.321 ug/L
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

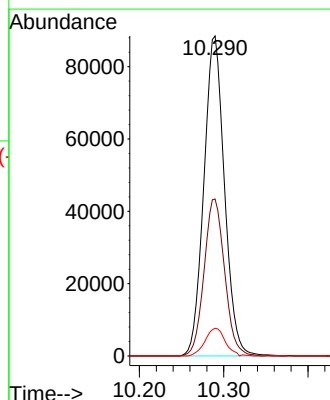
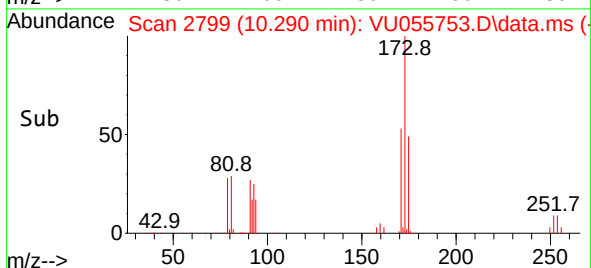
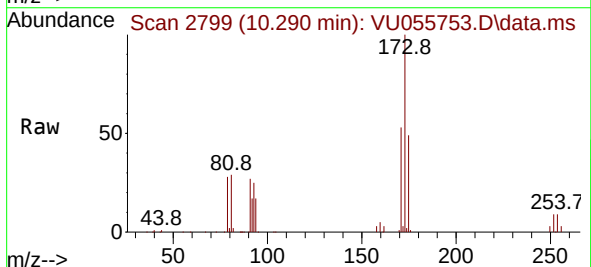
Instrument :
MSVOA_U
ClientSampleId :
EY1B0MS

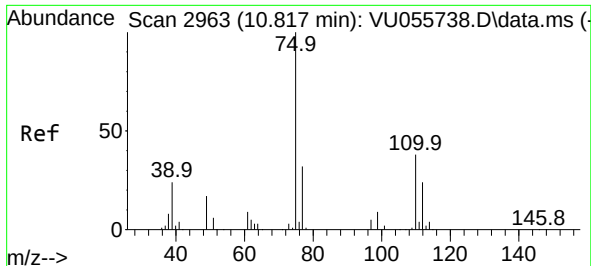
Tgt Ion: 83 Resp: 350000
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.5
131 8.9 7.3 10.9



#59
Bromoform
Concen: 47.682 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.003 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

Tgt Ion: 173 Resp: 150845
Ion Ratio Lower Upper
173 100
175 48.8 40.4 60.6
254 8.4 7.3 10.9

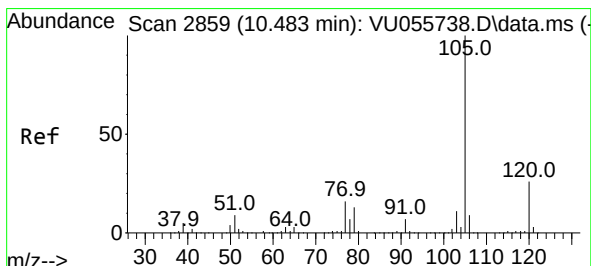
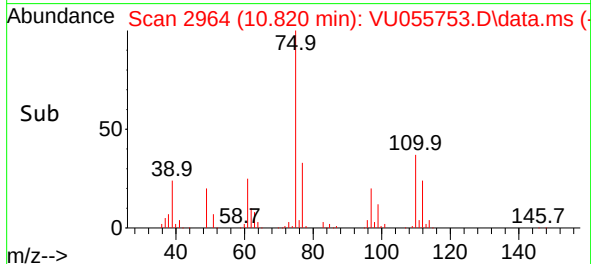
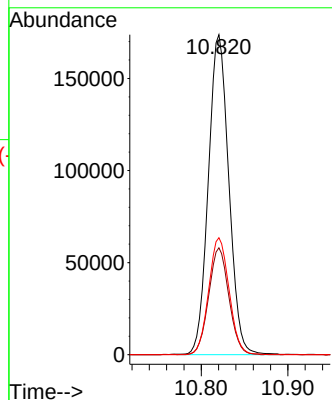
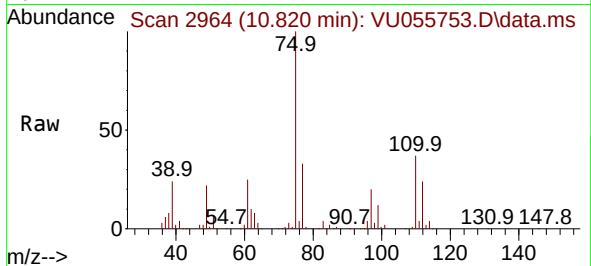




#60
1,2,3-Trichloropropane
Concen: 51.144 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

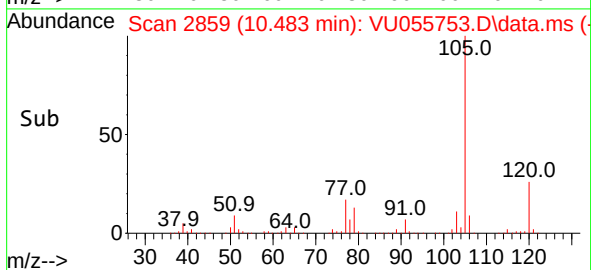
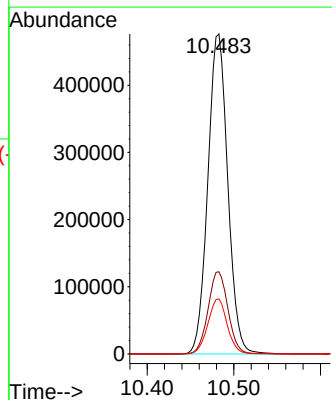
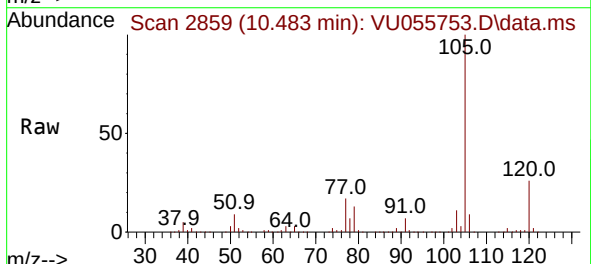
Instrument :
MSVOA_U
ClientSampleId :
EY1B0MS

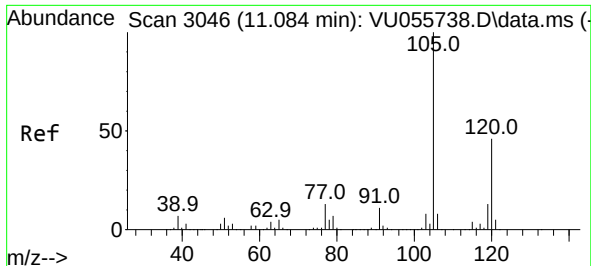
Tgt Ion: 75 Resp: 285255
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.8
110 36.5 28.5 42.7



#61
Isopropylbenzene
Concen: 47.533 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055753.D
Acq: 11 Oct 2023 17:24

Tgt Ion: 105 Resp: 761530
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8
77 16.8 13.4 20.0





#62

1,3,5-Trimethylbenzene

Concen: 50.369 ug/L

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

Instrument :

MSVOA_U

ClientSampleId :

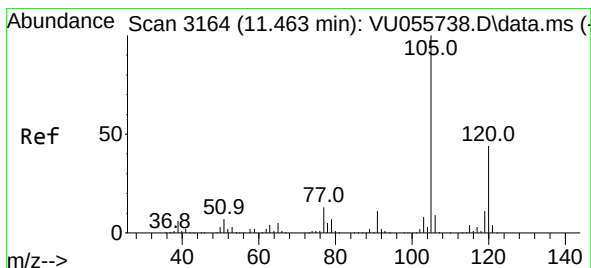
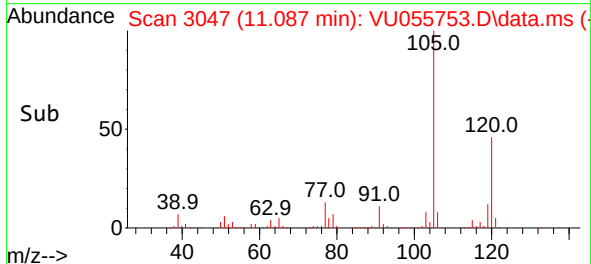
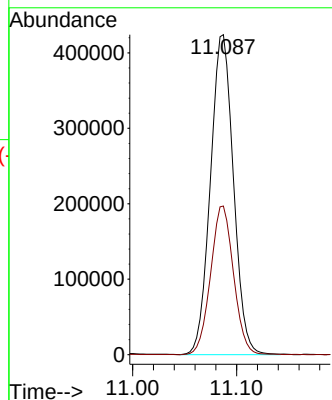
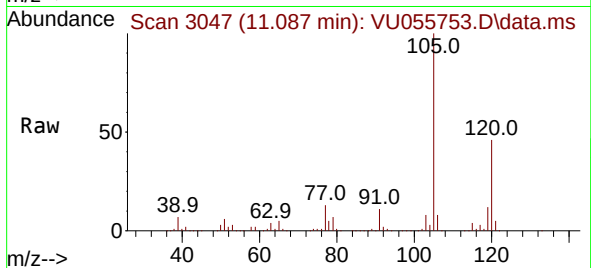
EY1B0MS

Tgt Ion:105 Resp: 652962

Ion Ratio Lower Upper

105 100

120 46.3 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 50.148 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU055753.D

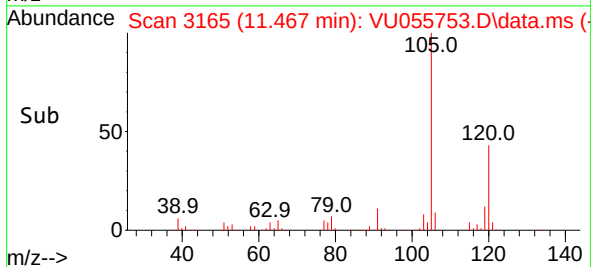
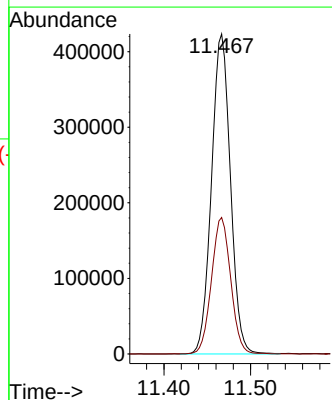
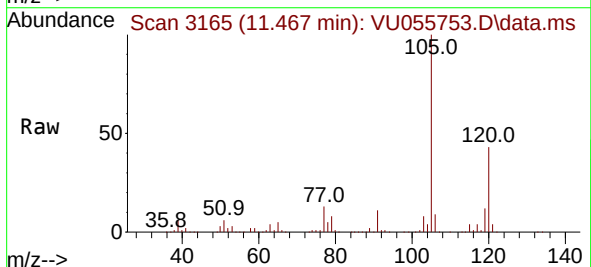
Acq: 11 Oct 2023 17:24

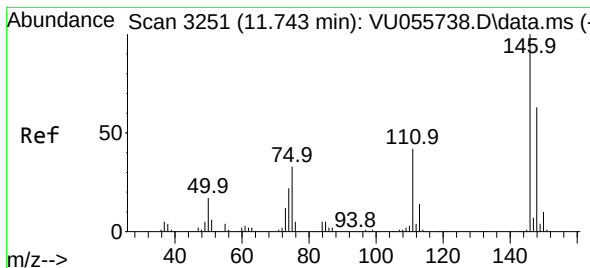
Tgt Ion:105 Resp: 642835

Ion Ratio Lower Upper

105 100

120 43.3 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 47.181 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

Instrument :

MSVOA_U

ClientSampleId :

EY1B0MS

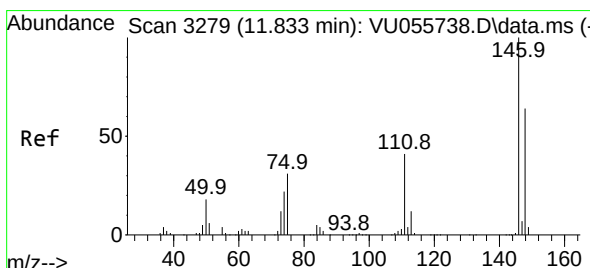
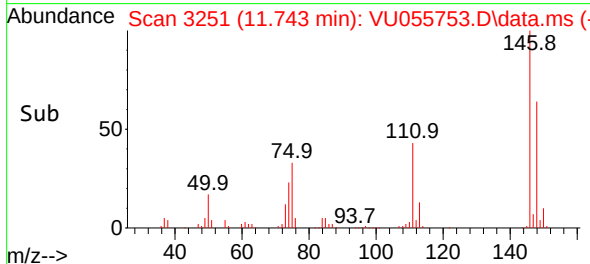
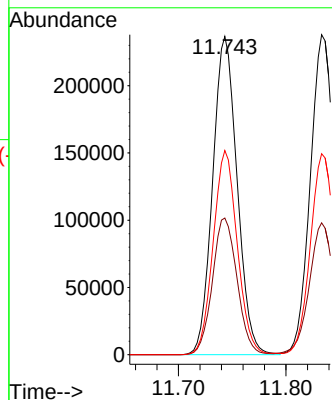
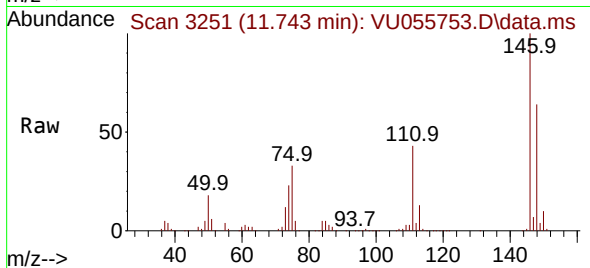
Tgt Ion:146 Resp: 373667

Ion Ratio Lower Upper

146 100

111 42.9 29.7 55.1

148 64.1 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 46.786 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.000 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

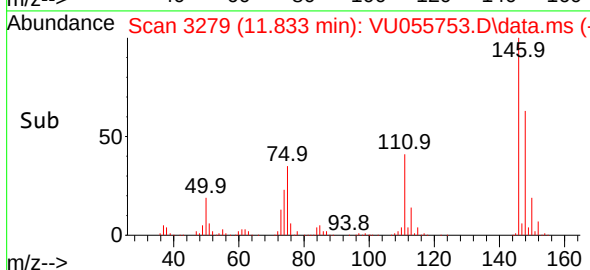
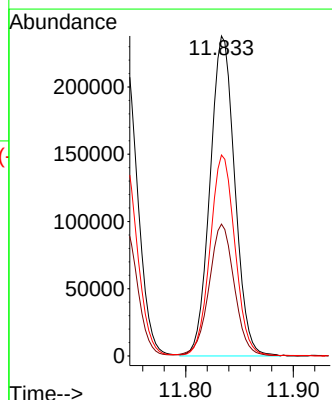
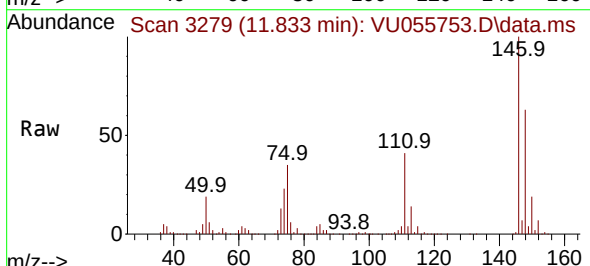
Tgt Ion:146 Resp: 380967

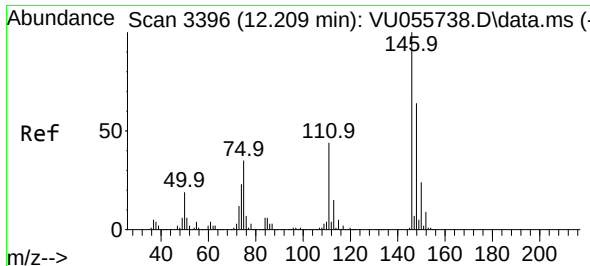
Ion Ratio Lower Upper

146 100

111 41.2 28.6 53.0

148 62.8 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 48.832 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

Instrument :

MSVOA_U

ClientSampleId :

EY1B0MS

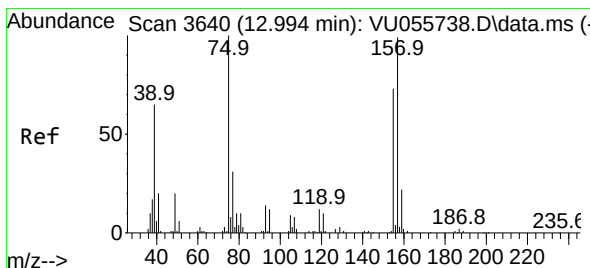
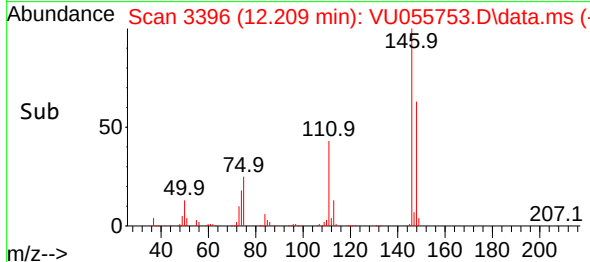
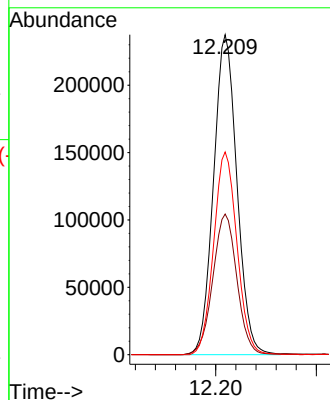
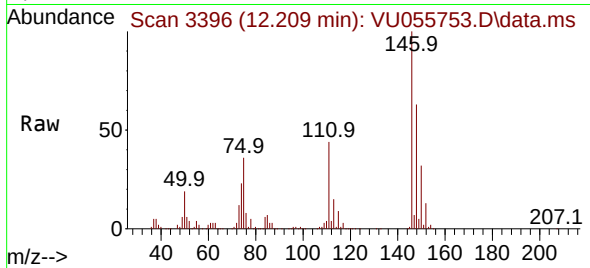
Tgt Ion:146 Resp: 383797

Ion Ratio Lower Upper

146 100

111 43.9 35.2 52.8

148 63.4 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 45.503 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

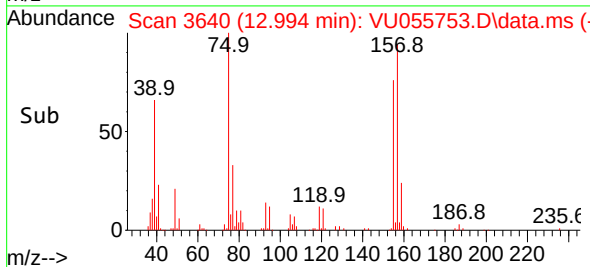
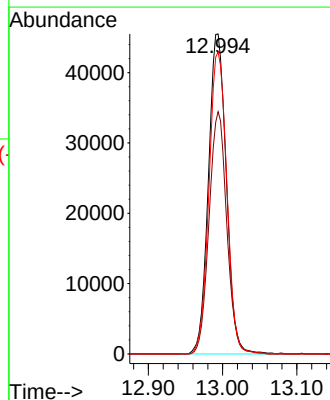
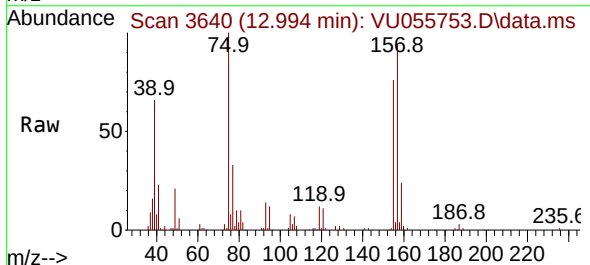
Tgt Ion: 75 Resp: 75874

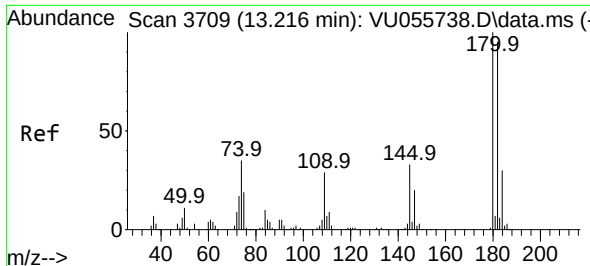
Ion Ratio Lower Upper

75 100

155 75.7 59.6 89.4

157 98.3 77.7 116.5

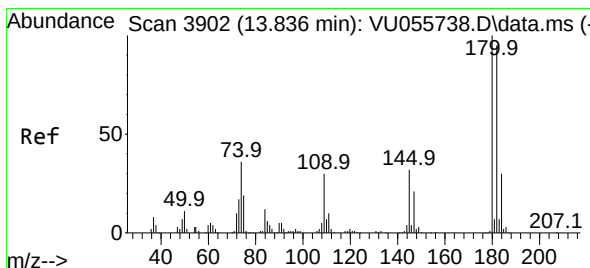
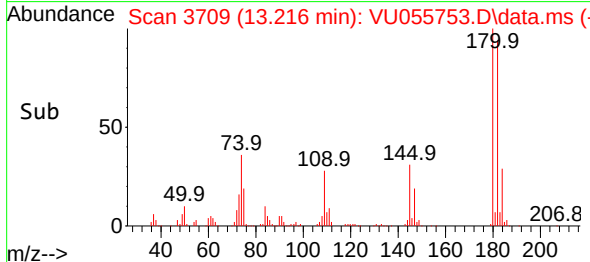
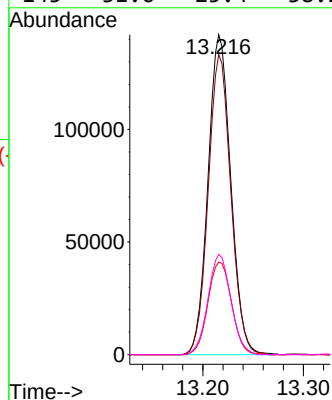
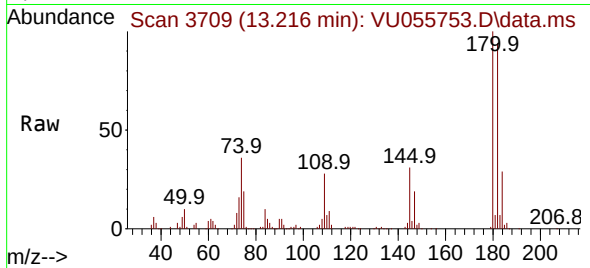




#69
 1,3,5-Trichlorobenzene
 Concen: 42.318 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: VU055753.D
 Acq: 11 Oct 2023 17:24

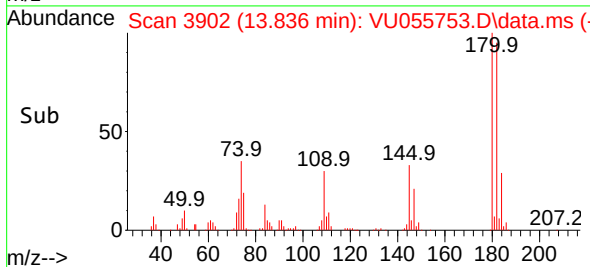
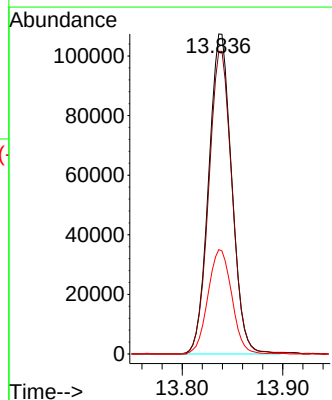
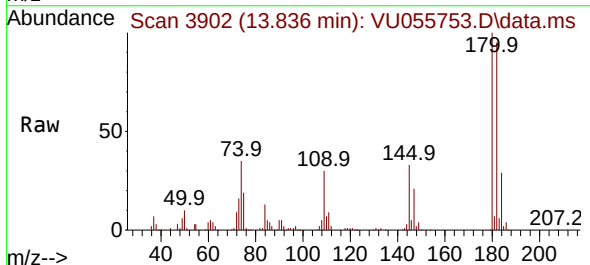
Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B0MS

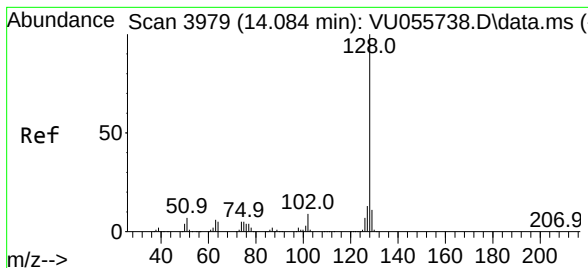
Tgt Ion:180	Resp:	223556
Ion Ratio	Lower	Upper
180	100	
182	93.1	76.2 114.2
184	30.0	23.9 35.9
145	31.6	25.4 38.2



#70
 1,2,4-trichlorobenzene
 Concen: 38.834 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU055753.D
 Acq: 11 Oct 2023 17:24

Tgt Ion:180	Resp:	170879
Ion Ratio	Lower	Upper
180	100	
182	95.7	75.4 113.2
145	33.7	26.1 39.1





#71

Naphthalene

Concen: 41.687 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

Instrument :

MSVOA_U

ClientSampleId :

EY1B0MS

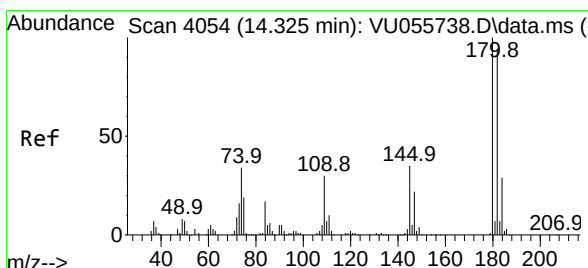
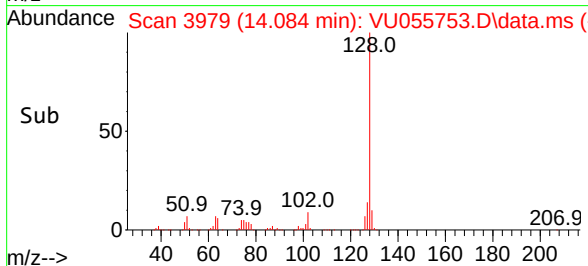
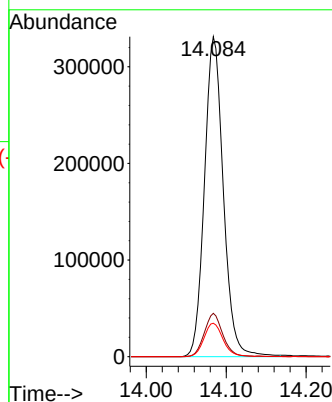
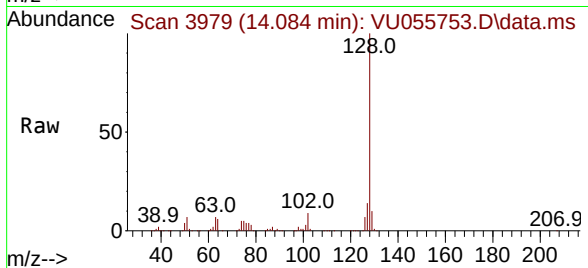
Tgt Ion:128 Resp: 544893

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 40.880 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU055753.D

Acq: 11 Oct 2023 17:24

Tgt Ion:180 Resp: 177354

Ion Ratio Lower Upper

180 100

182 94.9 78.1 117.1

145 35.1 27.4 41.0

