

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055338.D
 Acq On : 15 Sep 2023 14:05
 Operator : MD/SY
 Sample : VSTD01058
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 00:16:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:14:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	206288	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	220773	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	125740	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	123427	10.590	ug/L	0.00
7) Chloroethane-d5	1.911	69	143148	14.868	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	45722	9.182	ug/L	0.00
20) 2-Butanone-d5	4.628	46	368311	160.396	ug/L	0.00
24) Chloroform-d	5.058	84	280475	12.333	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	145543	13.622	ug/L	0.00
32) Benzene-d6	5.724	84	514579	11.080	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	172091	12.375	ug/L	0.00
41) Toluene-d8	7.894	98	452618	10.483	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	65262	12.134	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	254180	150.133	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	151709	14.461	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	178637	11.213	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	191339	11.645	ug/L	99
3) Chloromethane	1.515	50	185069	11.929	ug/L	96
5) Vinyl chloride	1.602	62	200085	12.248	ug/L	97
6) Bromomethane	1.856	94	149070	14.008	ug/L	98
8) Chloroethane	1.930	64	157978	14.226	ug/L	98
9) Trichlorofluoromethane	2.136	101	324334	12.424	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	155288	10.766	ug/L	100
12) 1,1-Dichloroethene	2.576	96	140958	10.917	ug/L	98
13) Acetone	2.640	43	204077	78.983	ug/L	99
14) Carbon disulfide	2.788	76	449735	13.024	ug/L	100
15) Methyl Acetate	2.952	43	50298	10.531	ug/L	98
16) Methylene chloride	3.039	84	171190	9.882	ug/L	96
17) Methyl tert-butyl Ether	3.357	73	350591	10.918	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	155936	11.647	ug/L	99
19) 1,1-Dichloroethane	3.865	63	307350	11.492	ug/L	98
21) 2-Butanone	4.708	43	354162	100.108	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	180336	11.565	ug/L	99
23) Bromochloromethane	4.972	128	74046	11.045	ug/L	94
25) Chloroform	5.084	83	324226	11.202	ug/L	100
27) 1,2-Dichloroethane	5.791	62	210563	12.504	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	273952	9.908	ug/L	99
30) Cyclohexane	5.386	56	268576	11.523	ug/L	98
31) Carbon tetrachloride	5.521	117	236443	9.980	ug/L	98
33) Benzene	5.769	78	748549	11.646	ug/L	100
34) Trichloroethene	6.537	95	200664	11.512	ug/L	95
35) Methylcyclohexane	6.759	83	315319	12.233	ug/L	99
37) 1,2-Dichloropropane	6.788	63	192802	11.414	ug/L	99
38) Bromodichloromethane	7.103	83	233019	11.065	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	279163	11.363	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	961097	114.414	ug/L	98
42) Toluene	7.965	91	846578	12.323	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	226593	11.383	ug/L	95

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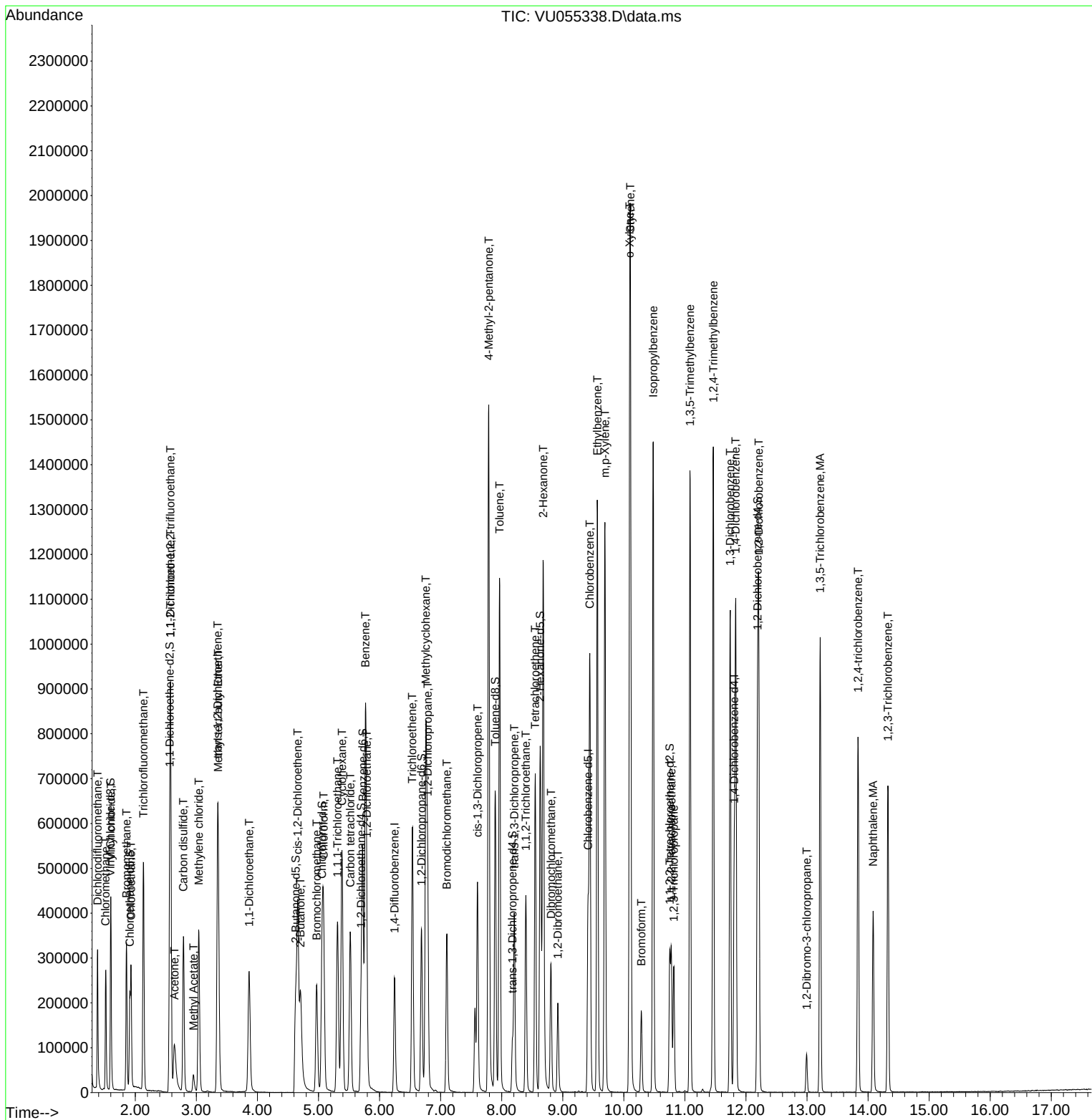
Quant Time: Sep 16 00:16:53 2023
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 Quant Title : TRACE VOA SFAM1.0
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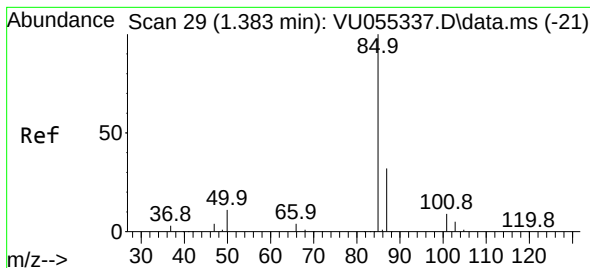
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	136958	11.478	ug/L	97
47) Tetrachloroethene	8.550	164	145946	10.652	ug/L	96
48) 2-Hexanone	8.682	43	740150	115.440	ug/L	98
49) Dibromochloromethane	8.807	129	147940	11.221	ug/L	99
50) 1,2-Dibromoethane	8.920	107	131655	11.833	ug/L	99
51) Chlorobenzene	9.444	112	522012	11.379	ug/L	99
52) Ethylbenzene	9.566	91	923837	12.097	ug/L	99
53) m,p-Xylene	9.692	106	365425	12.610	ug/L	100
54) o-Xylene	10.097	106	345965	12.159	ug/L	98
55) Styrene	10.110	104	599295	12.873	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	152122	10.804	ug/L	95
59) Bromoform	10.286	173	78136	9.936	ug/L	98
60) Isopropylbenzene	10.483	105	945661	11.929	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	114837	11.012	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	747953	11.745	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	783594	12.297	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	419501	10.819	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	412088	10.668	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	384948	10.850	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	21039	9.945	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	293227	10.423	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	226707	9.937	ug/L	99
71) Naphthalene	14.084	128	325431	9.918	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	196582	10.237	ug/L	99

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

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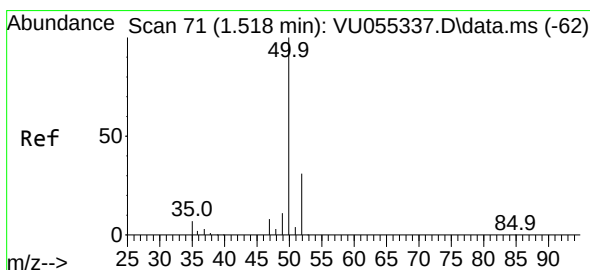
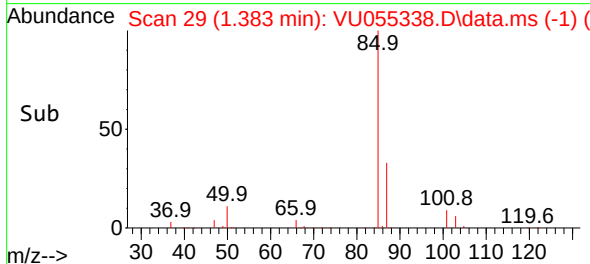
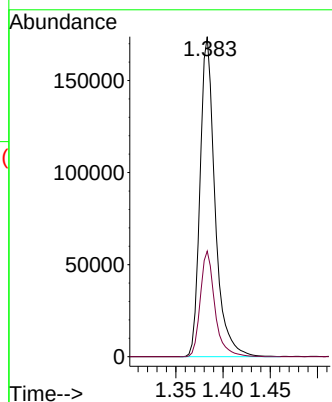
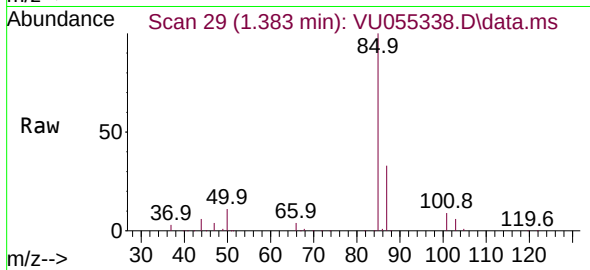




#2
 Dichlorodifluoromethane
 Concen: 11.645 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055338.D
 Acq: 15 Sep 2023 14:05

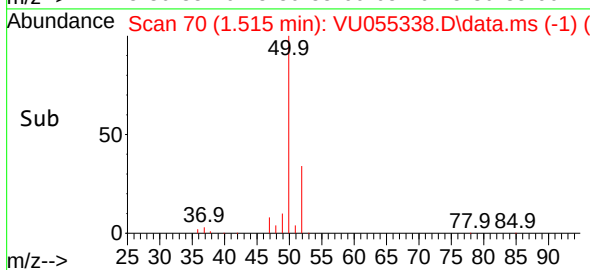
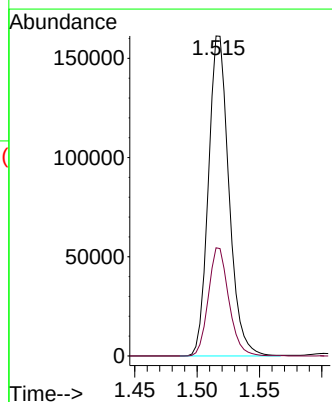
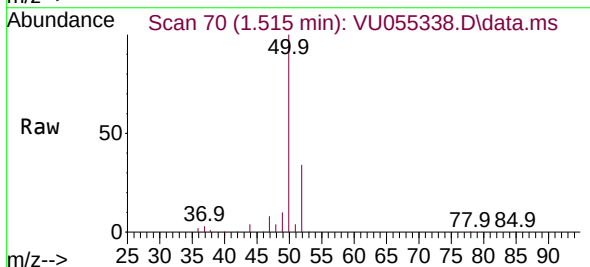
Instrument :
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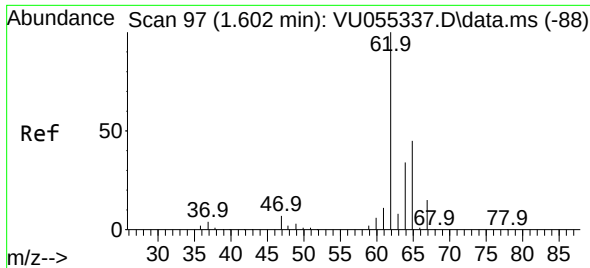
Tgt Ion: 85 Resp: 191339
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.3 37.9



#3
 Chloromethane
 Concen: 11.929 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU055338.D
 Acq: 15 Sep 2023 14:05

Tgt Ion: 50 Resp: 185069
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.0 40.8

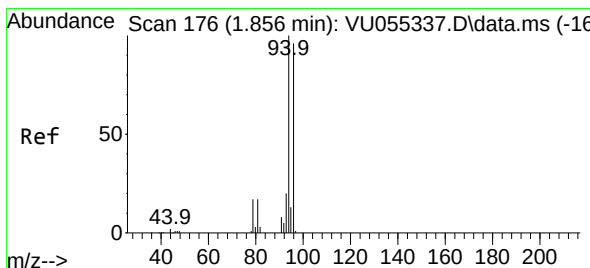
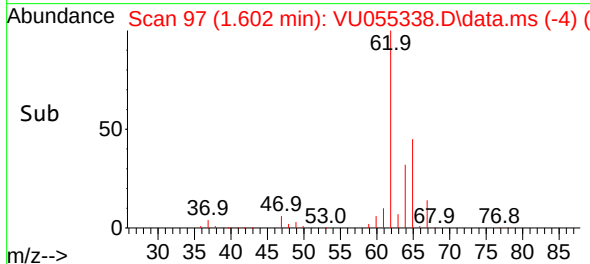
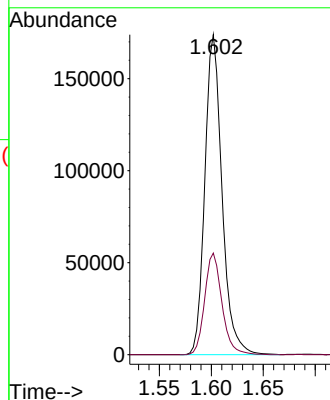
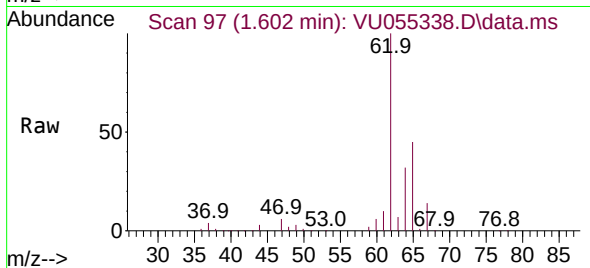




#5
 Vinyl chloride
 Concen: 12.248 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055338.D
 Acq: 15 Sep 2023 14:05

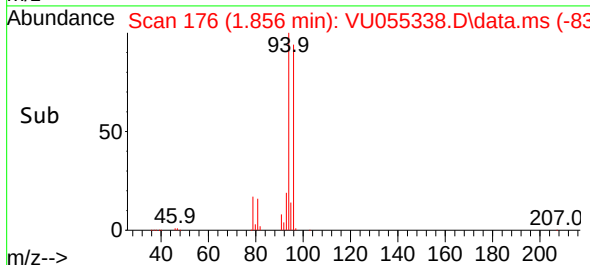
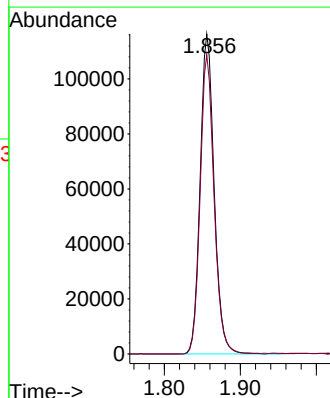
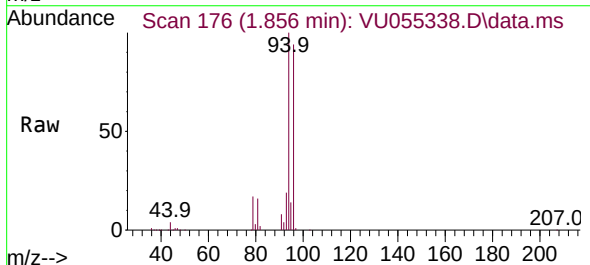
Instrument :
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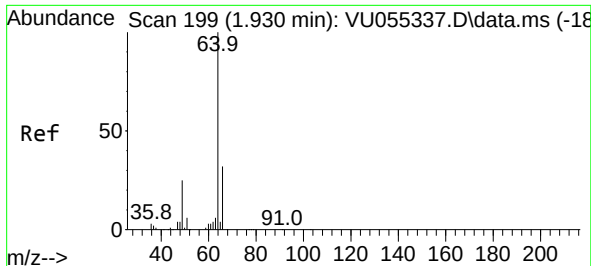
Tgt Ion: 62 Resp: 200085
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.4 43.6



#6
 Bromomethane
 Concen: 14.008 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU055338.D
 Acq: 15 Sep 2023 14:05

Tgt Ion: 94 Resp: 149070
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.9 124.3





#8

Chloroethane

Concen: 14.226 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Instrument :

MSVOA_U

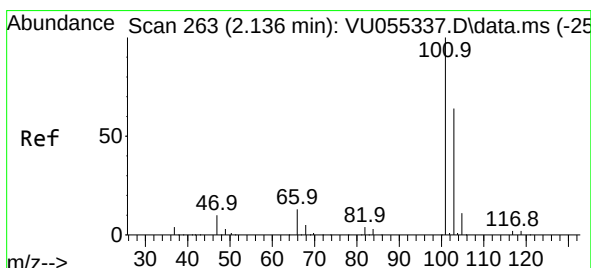
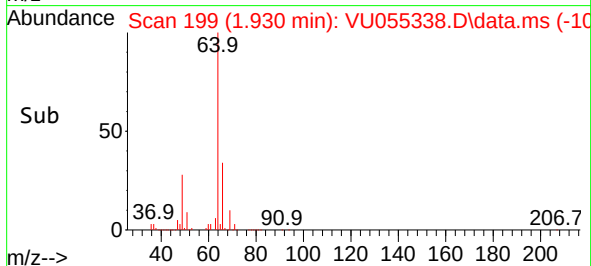
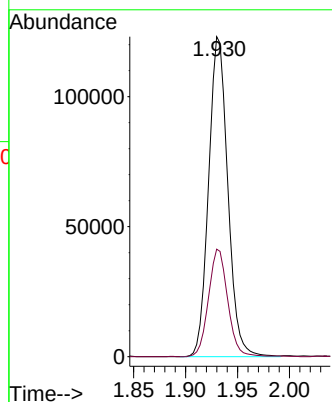
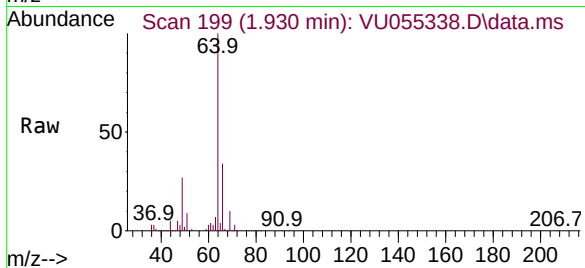
ClientSampleId :

Tgt Ion: 64 Resp: 157978

Ion Ratio Lower Upper

64 100

66 33.6 22.7 42.1



#9

Trichlorofluoromethane

Concen: 12.424 ug/L

RT: 2.136 min Scan# 263

Delta R.T. 0.000 min

Lab File: VU055338.D

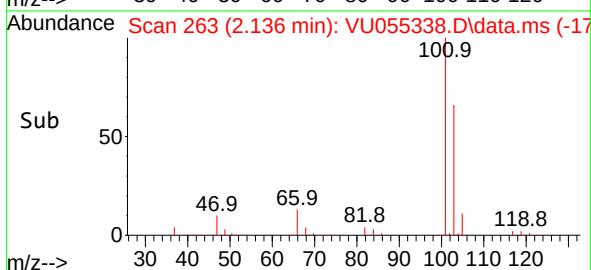
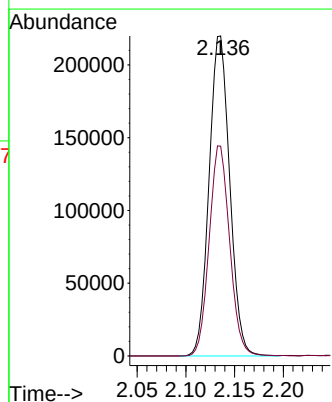
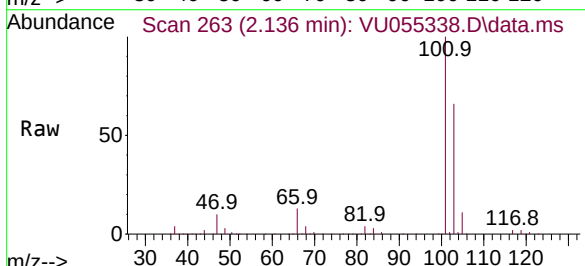
Acq: 15 Sep 2023 14:05

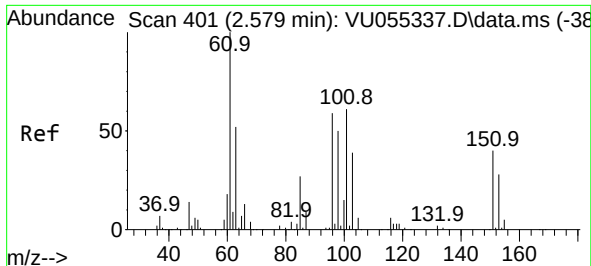
Tgt Ion: 101 Resp: 324334

Ion Ratio Lower Upper

101 100

103 65.2 51.8 77.8

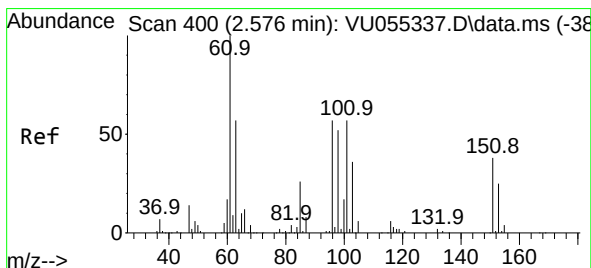
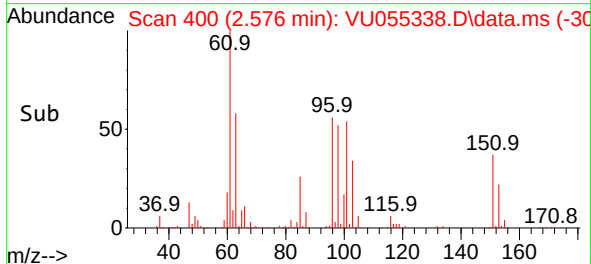
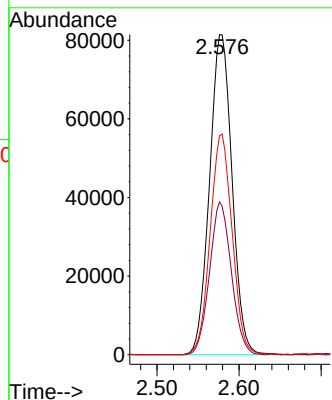
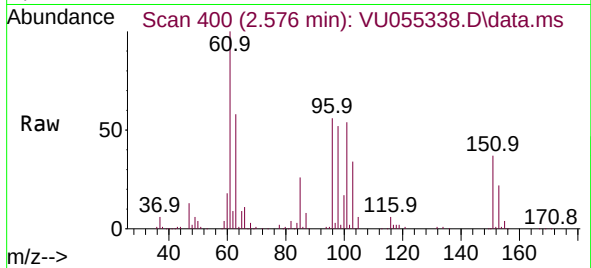




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.766 ug/L
RT: 2.576 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

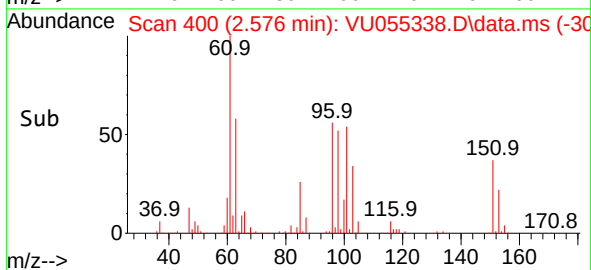
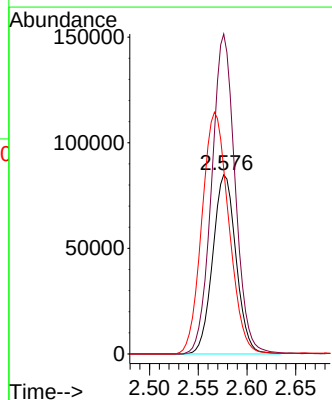
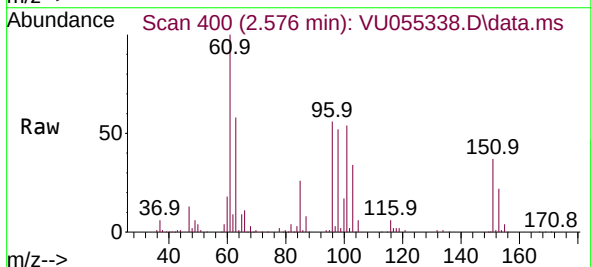
Instrument :
MSVOA_U
ClientSampleId :

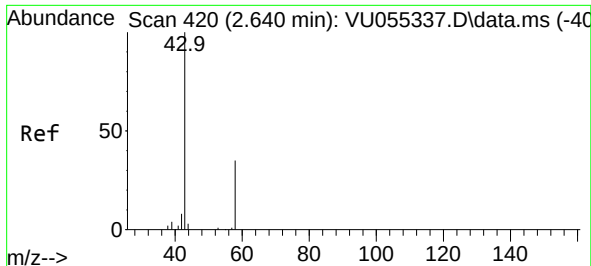
Tgt Ion:101 Resp: 155288
Ion Ratio Lower Upper
101 100
85 46.1 36.5 54.7
151 67.3 53.8 80.8



#12
1,1-Dichloroethene
Concen: 10.917 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

Tgt Ion: 96 Resp: 140958
Ion Ratio Lower Upper
96 100
61 178.5 122.8 228.0
63 103.4 71.7 133.3





#13

Acetone

Concen: 78.983 ug/L

RT: 2.640 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Instrument :

MSVOA_U

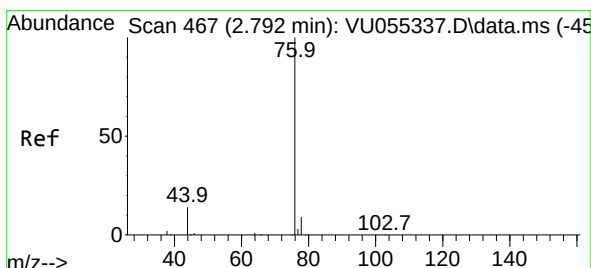
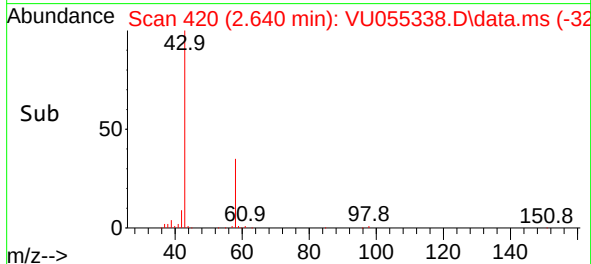
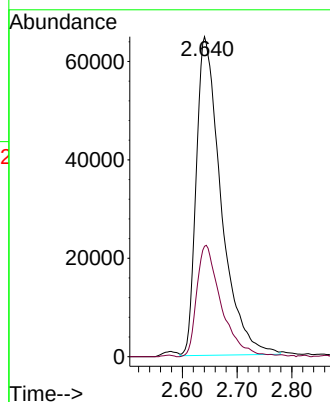
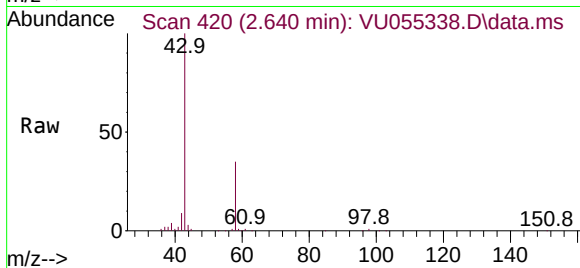
ClientSampleId :

Tgt Ion: 43 Resp: 204077

Ion Ratio Lower Upper

43 100

58 34.5 0.0 68.4



#14

Carbon disulfide

Concen: 13.024 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU055338.D

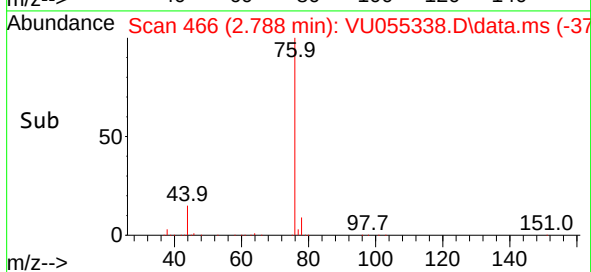
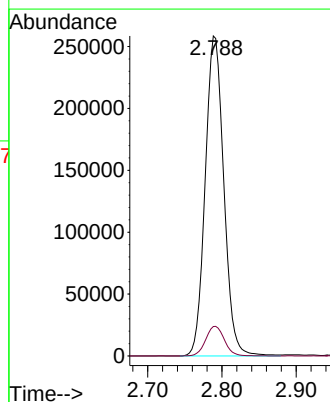
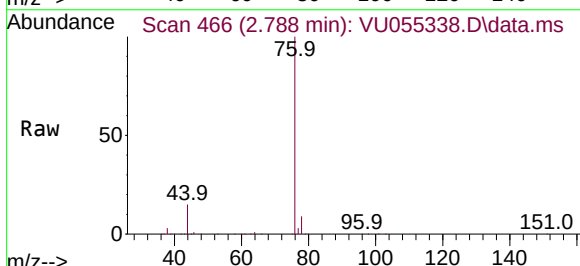
Acq: 15 Sep 2023 14:05

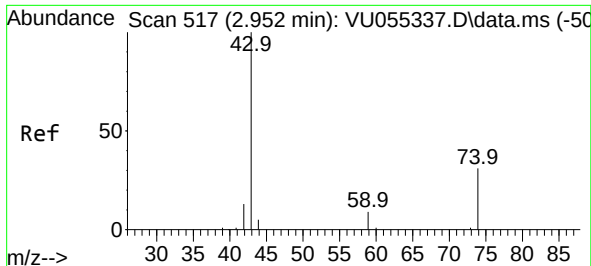
Tgt Ion: 76 Resp: 449735

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

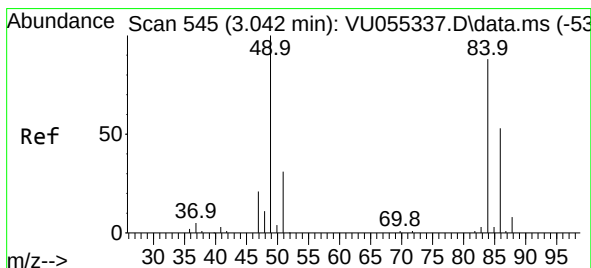
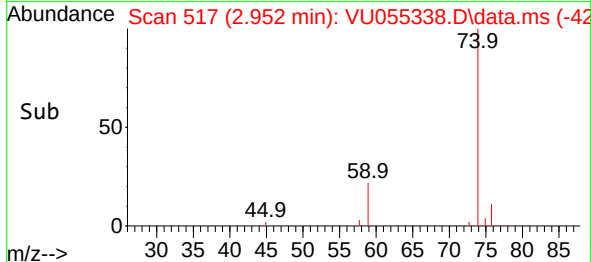
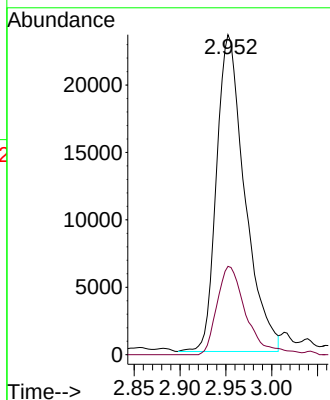
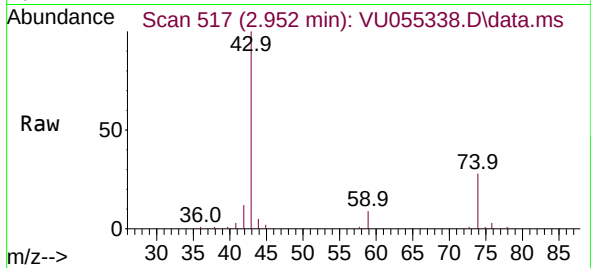




#15
Methyl Acetate
Concen: 10.531 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

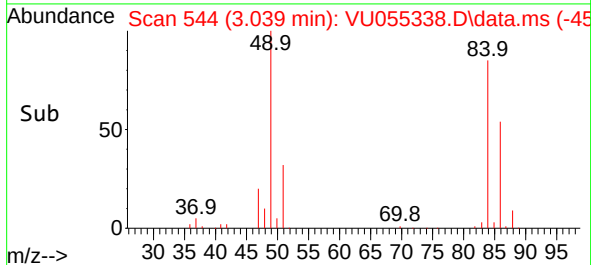
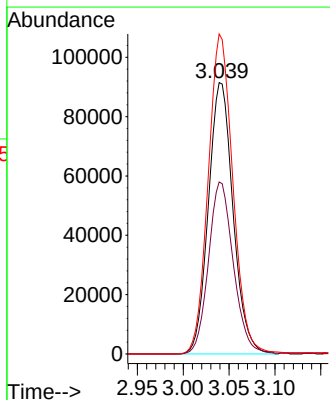
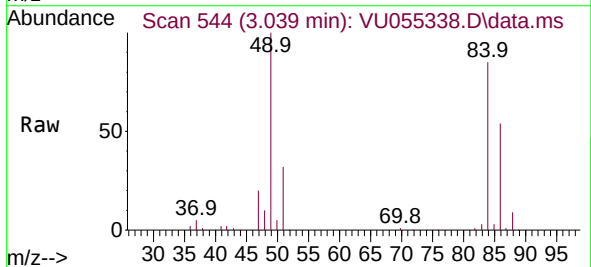
Instrument :
MSVOA_U
ClientSampleId :

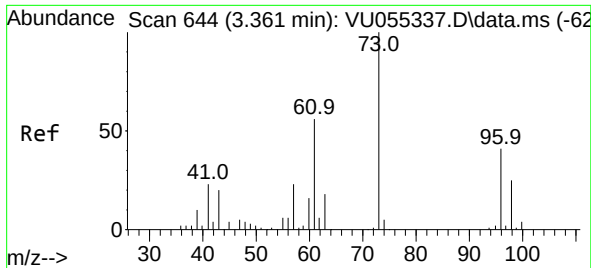
Tgt Ion: 43 Resp: 50298
Ion Ratio Lower Upper
43 100
74 28.6 23.9 35.9



#16
Methylene chloride
Concen: 9.882 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

Tgt Ion: 84 Resp: 171190
Ion Ratio Lower Upper
84 100
86 63.4 42.4 78.8
49 117.9 79.9 148.3

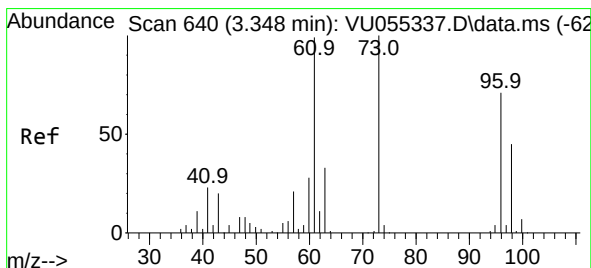
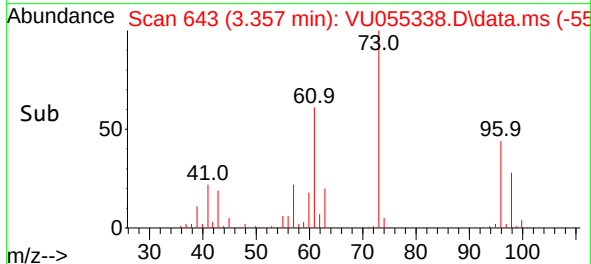
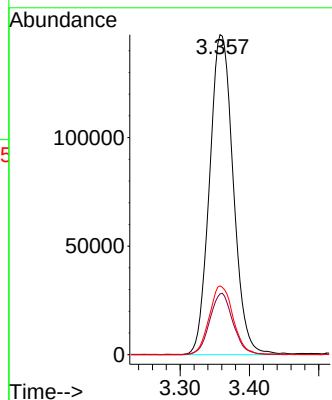
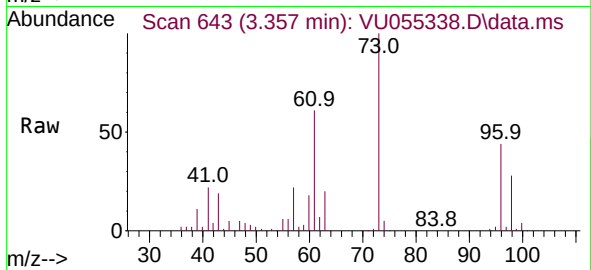




#17
Methyl tert-butyl Ether
Concen: 10.918 ug/L
RT: 3.357 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

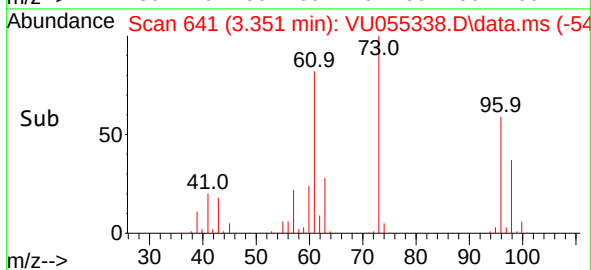
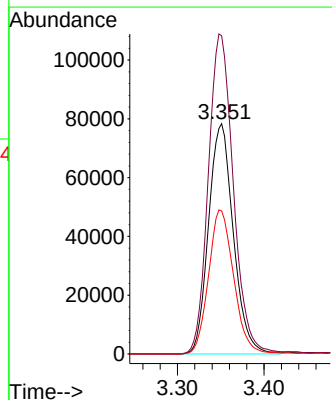
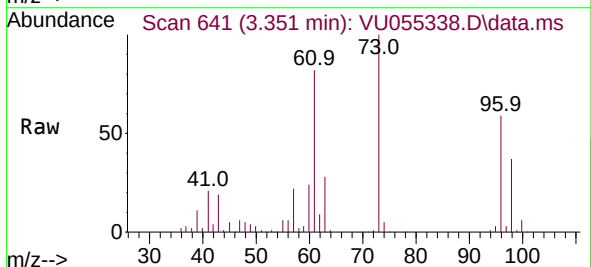
Instrument :
MSVOA_U
ClientSampleId :

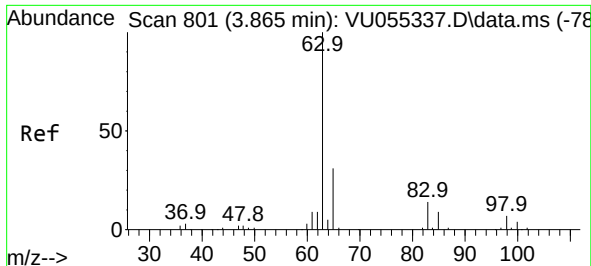
Tgt Ion: 73 Resp: 350591
Ion Ratio Lower Upper
73 100
43 18.6 16.0 24.0
57 21.8 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 11.647 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

Tgt Ion: 96 Resp: 155936
Ion Ratio Lower Upper
96 100
61 138.3 97.4 181.0
98 62.1 44.6 82.8





#19

1,1-Dichloroethane

Concen: 11.492 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

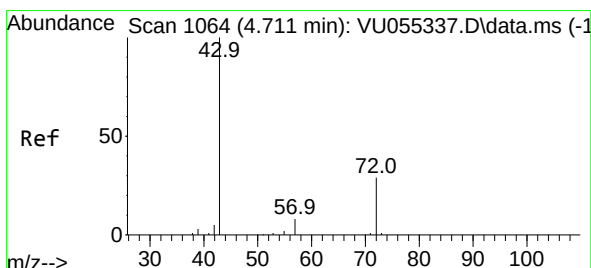
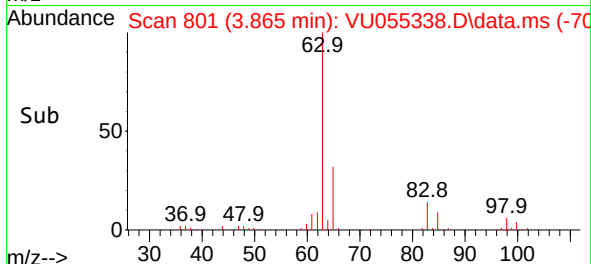
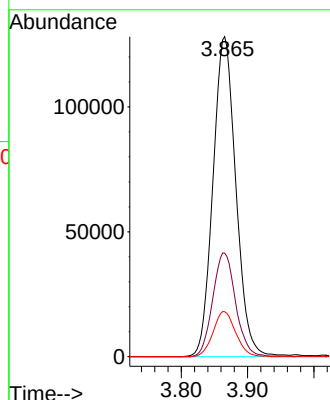
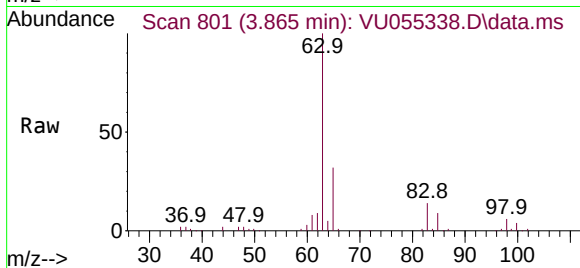
Tgt Ion: 63 Resp: 307350

Ion Ratio Lower Upper

63 100

65 32.3 21.8 40.6

83 14.1 9.7 17.9



#21

2-Butanone

Concen: 100.108 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.003 min

Lab File: VU055338.D

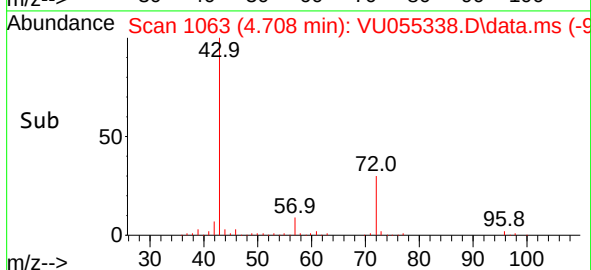
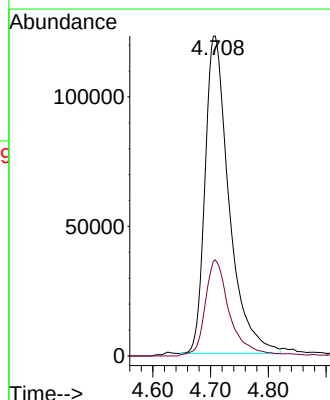
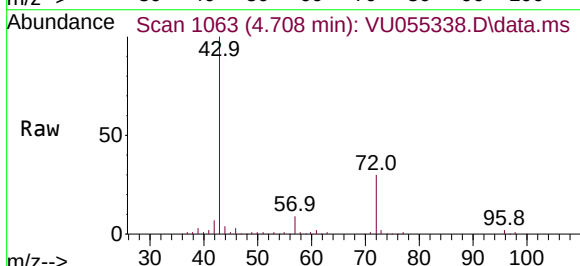
Acq: 15 Sep 2023 14:05

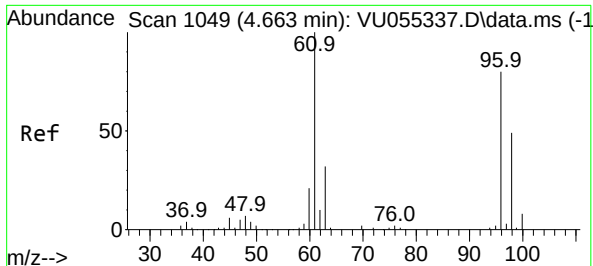
Tgt Ion: 43 Resp: 354162

Ion Ratio Lower Upper

43 100

72 30.8 15.2 45.5





#22

cis-1,2-Dichloroethene

Concen: 11.565 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

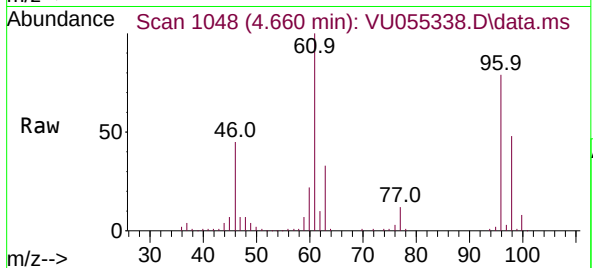
Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :



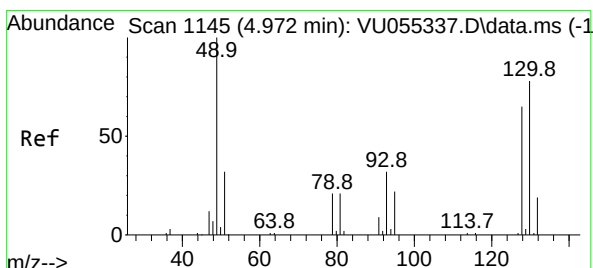
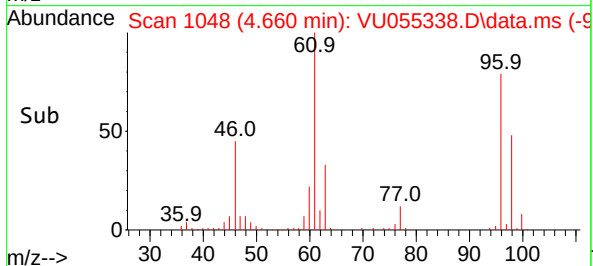
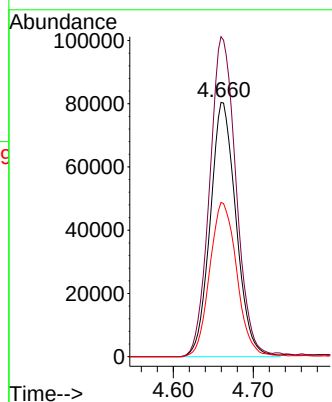
Tgt Ion: 96 Resp: 180336

Ion Ratio Lower Upper

96 100

61 125.9 88.1 163.7

98 60.7 43.5 80.7



#23

Bromochloromethane

Concen: 11.045 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Tgt Ion:128 Resp: 74046

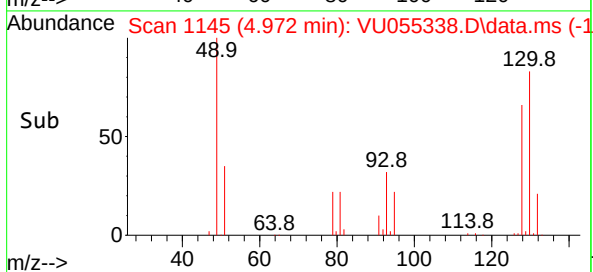
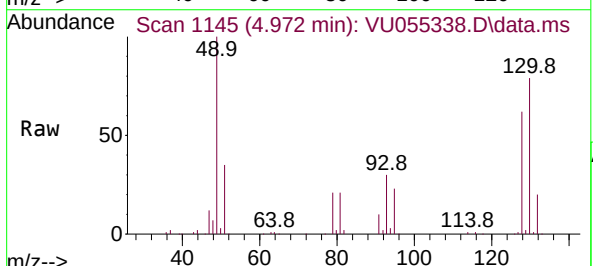
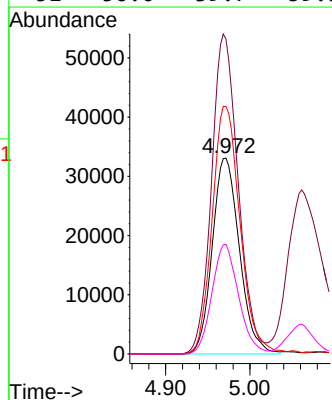
Ion Ratio Lower Upper

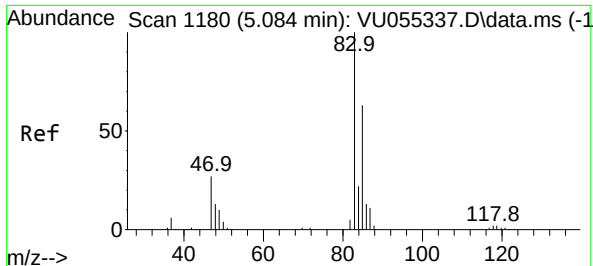
128 100

49 160.8 108.1 200.9

130 126.4 84.3 156.5

51 56.0 39.7 59.5





#25

Chloroform

Concen: 11.202 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Instrument :

MSVOA_U

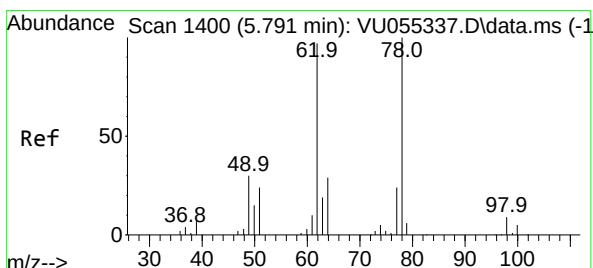
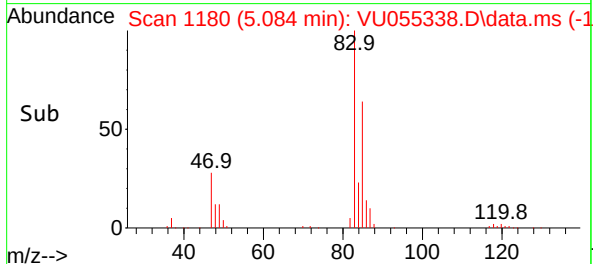
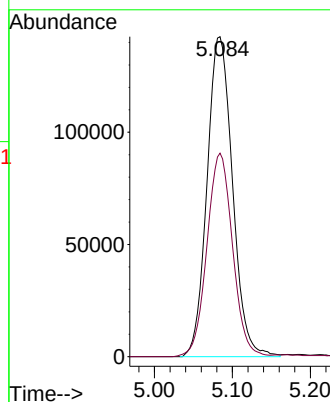
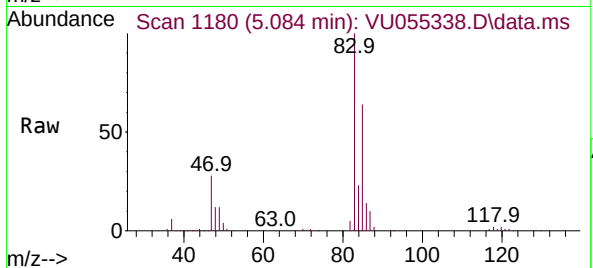
ClientSampleId :

Tgt Ion: 83 Resp: 324226

Ion Ratio Lower Upper

83 100

85 63.6 44.4 82.4



#27

1,2-Dichloroethane

Concen: 12.504 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU055338.D

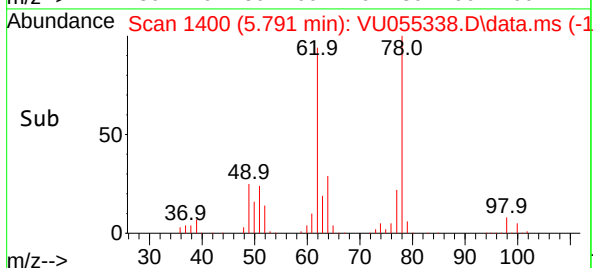
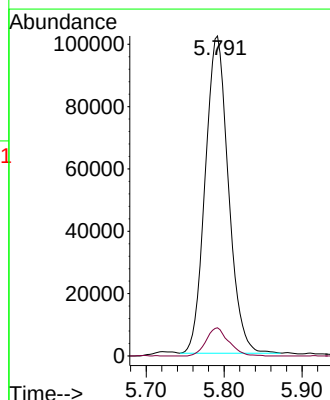
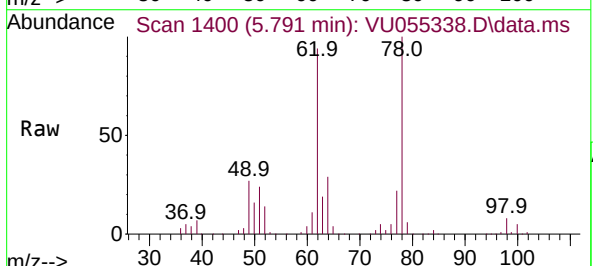
Acq: 15 Sep 2023 14:05

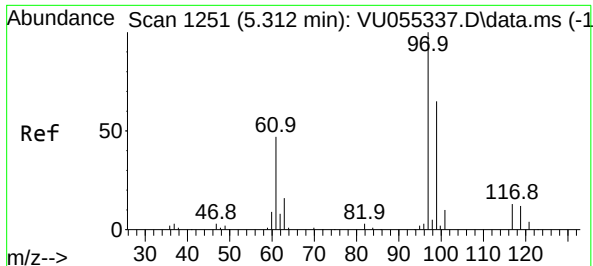
Tgt Ion: 62 Resp: 210563

Ion Ratio Lower Upper

62 100

98 8.8 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 9.908 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

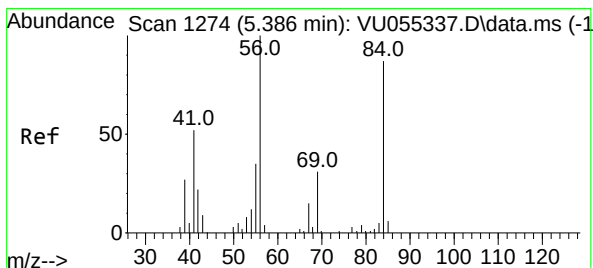
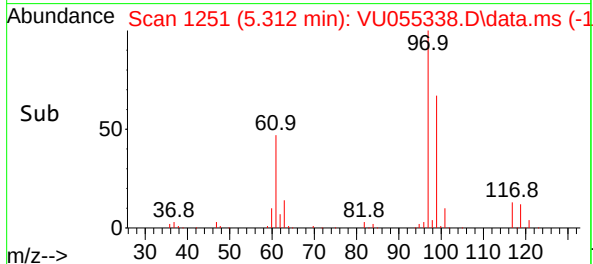
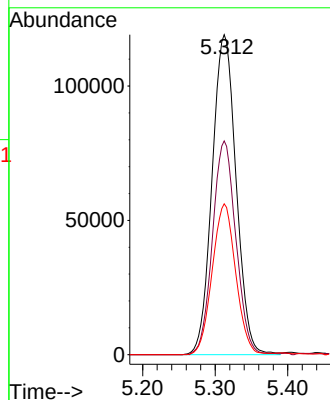
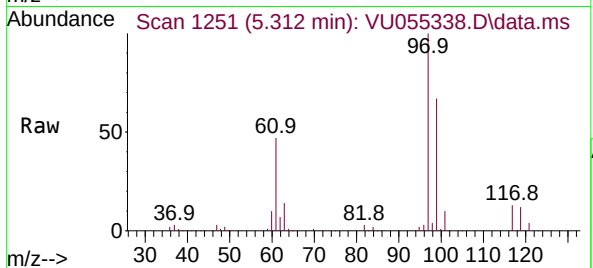
Tgt Ion: 97 Resp: 273952

Ion Ratio Lower Upper

97 100

99 65.1 51.2 76.8

61 46.3 37.6 56.4



#30

Cyclohexane

Concen: 11.523 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

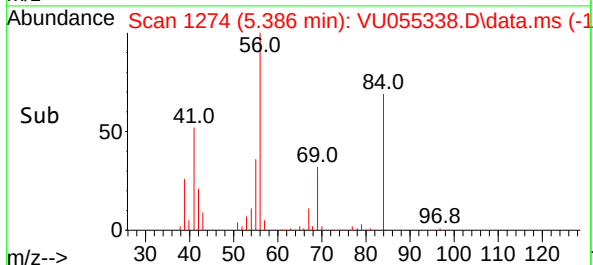
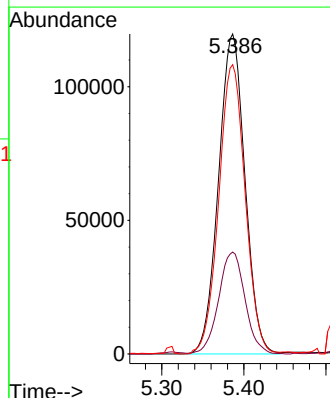
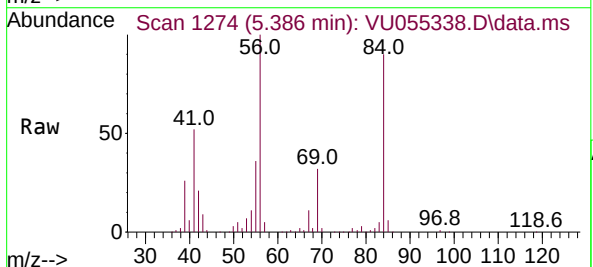
Tgt Ion: 56 Resp: 268576

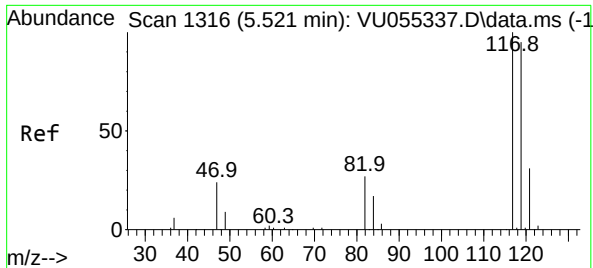
Ion Ratio Lower Upper

56 100

69 31.8 25.0 37.6

84 90.5 70.2 105.4

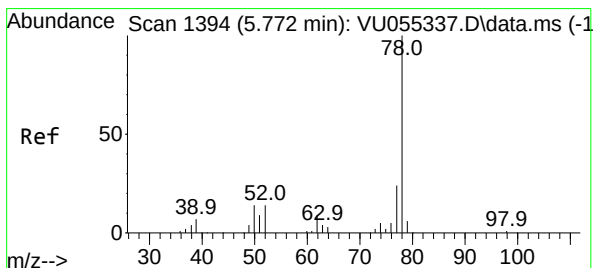
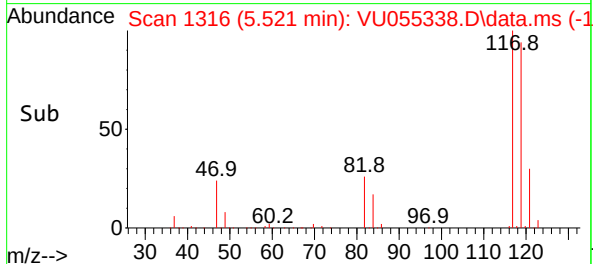
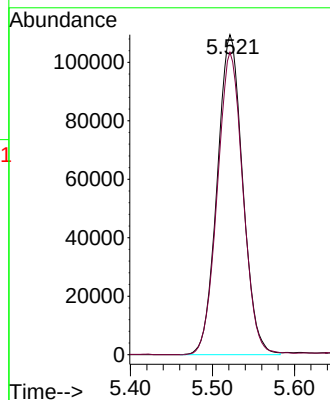
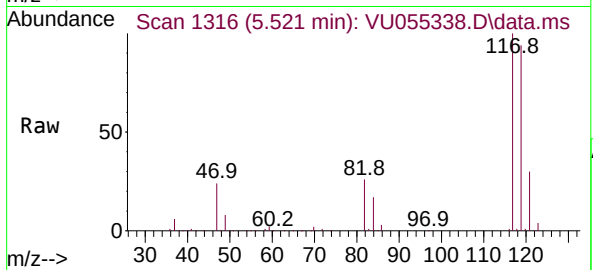




#31
Carbon tetrachloride
Concen: 9.980 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

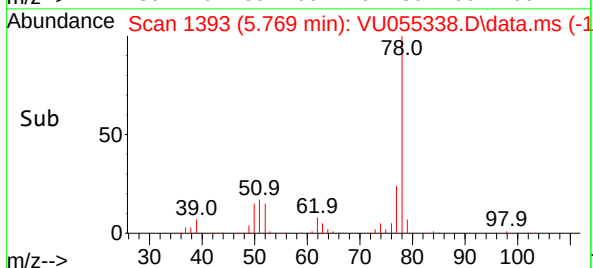
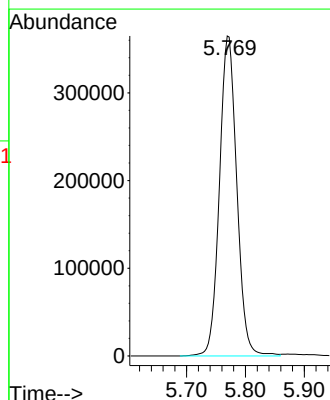
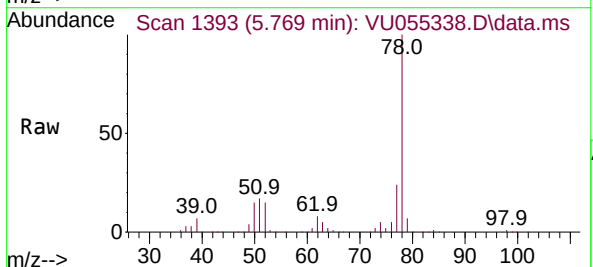
Instrument :
MSVOA_U
ClientSampleId :

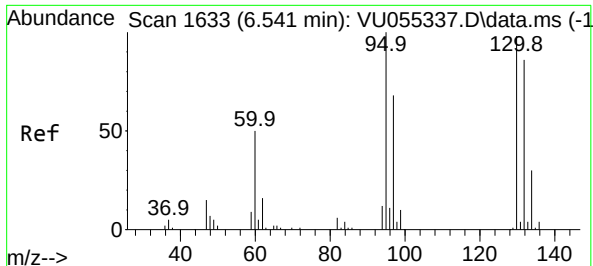
Tgt Ion:117 Resp: 236443
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3



#33
Benzene
Concen: 11.646 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

Tgt Ion: 78 Resp: 748549





#34

Trichloroethene

Concen: 11.512 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 200664

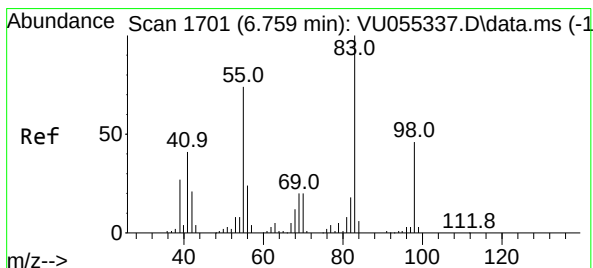
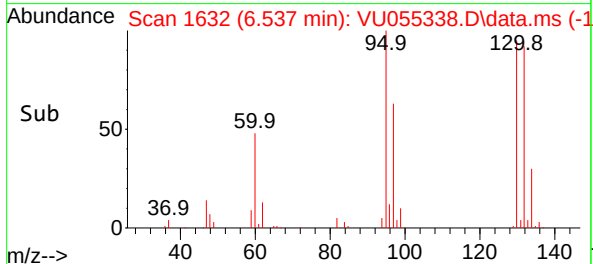
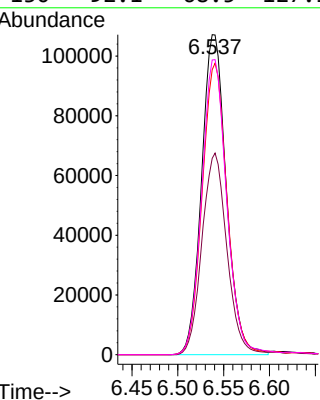
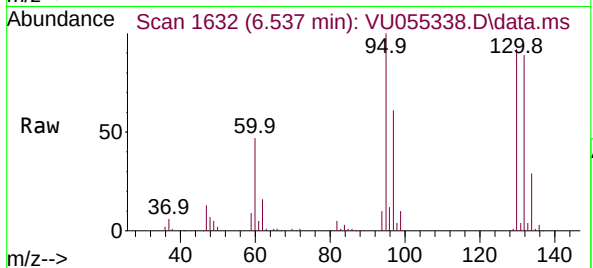
Ion Ratio Lower Upper

95 100

97 61.4 47.4 88.0

132 89.0 60.5 112.3

130 92.1 68.5 127.1



#35

Methylcyclohexane

Concen: 12.233 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

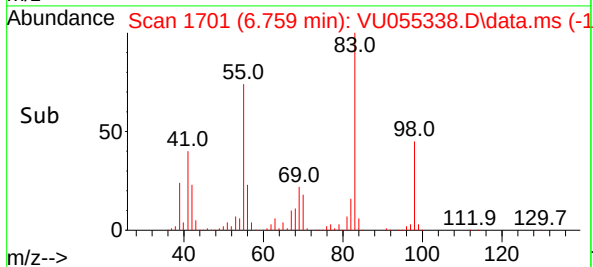
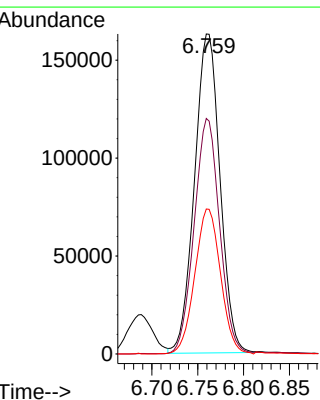
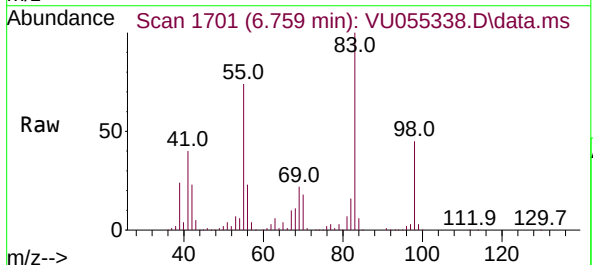
Tgt Ion: 83 Resp: 315319

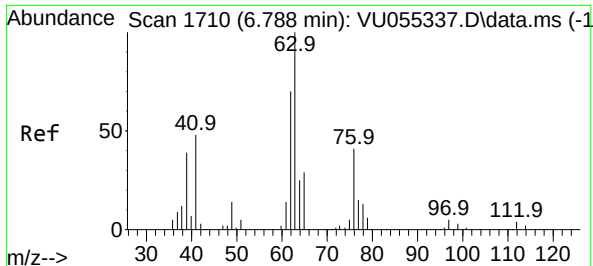
Ion Ratio Lower Upper

83 100

55 74.0 58.7 88.1

98 45.9 36.3 54.5





#37

1,2-Dichloropropane

Concen: 11.414 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Instrument :

MSVOA_U

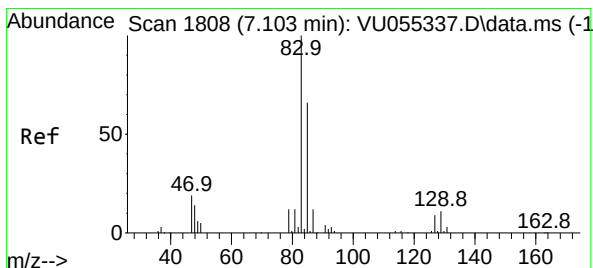
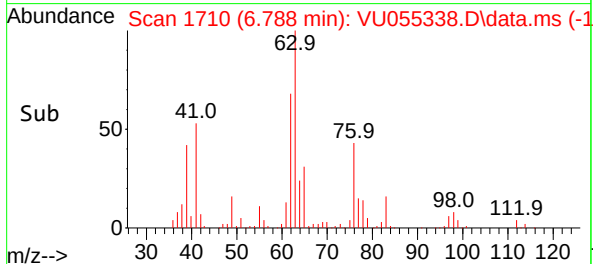
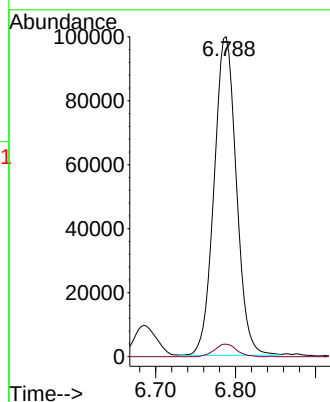
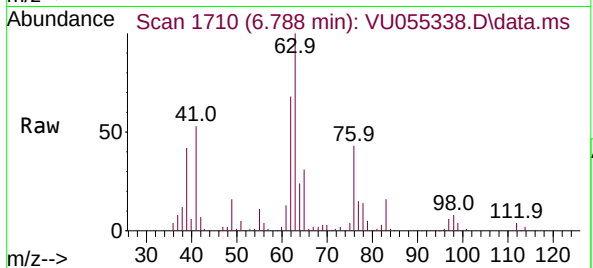
ClientSampleId :

Tgt Ion: 63 Resp: 192802

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.4



#38

Bromodichloromethane

Concen: 11.065 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

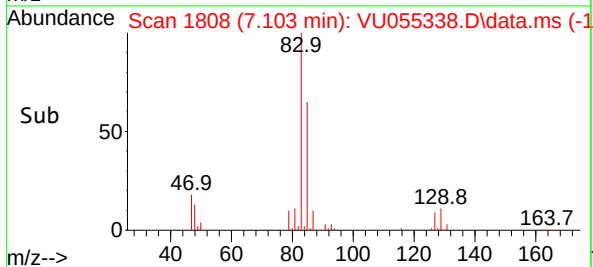
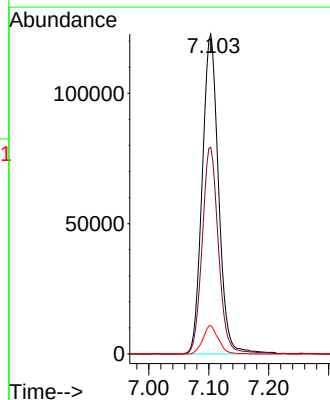
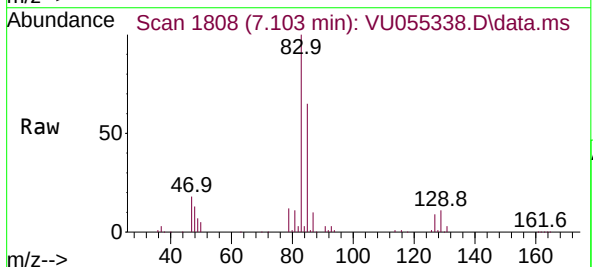
Tgt Ion: 83 Resp: 233019

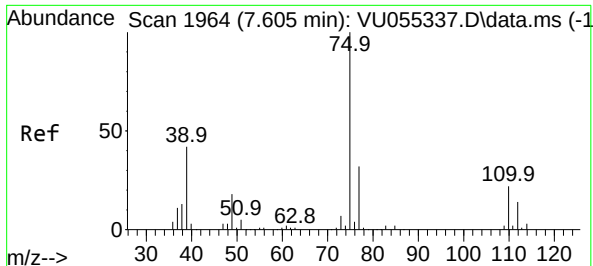
Ion Ratio Lower Upper

83 100

85 64.6 46.3 85.9

127 8.9 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 11.363 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Instrument :

MSVOA_U

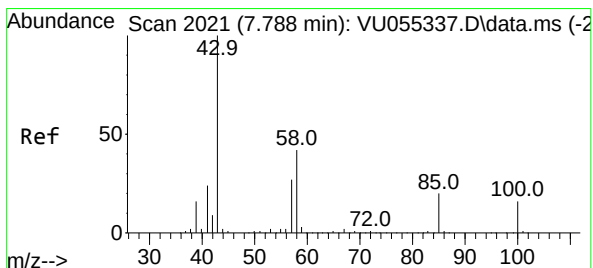
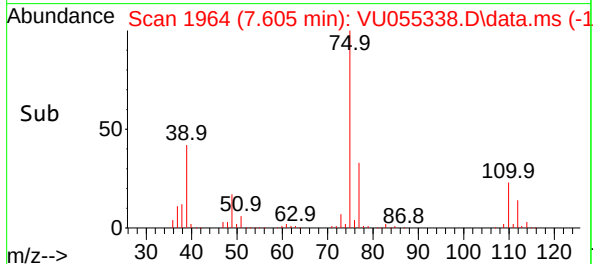
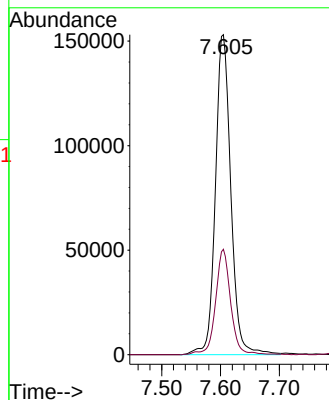
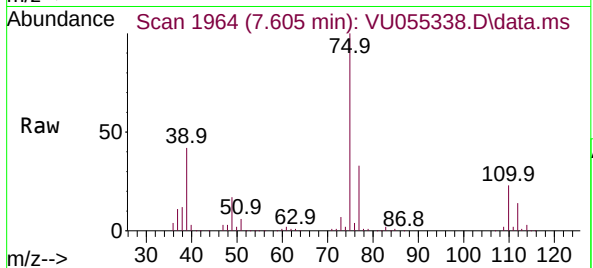
ClientSampleId :

Tgt Ion: 75 Resp: 279163

Ion Ratio Lower Upper

75 100

77 32.9 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 114.414 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

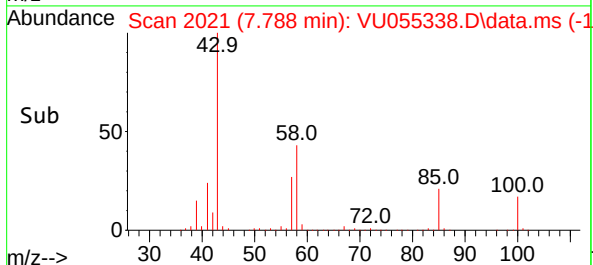
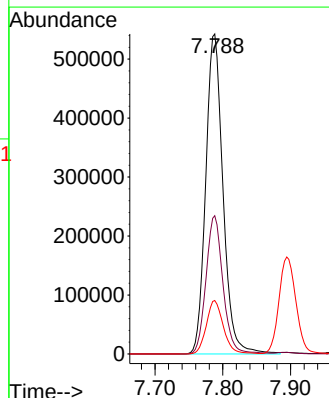
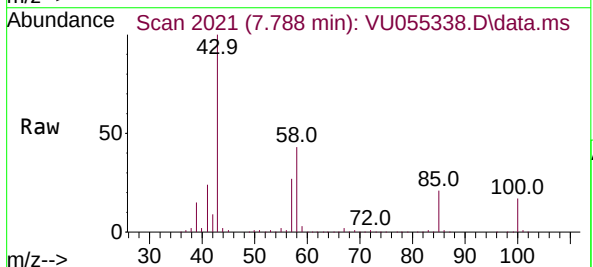
Tgt Ion: 43 Resp: 961097

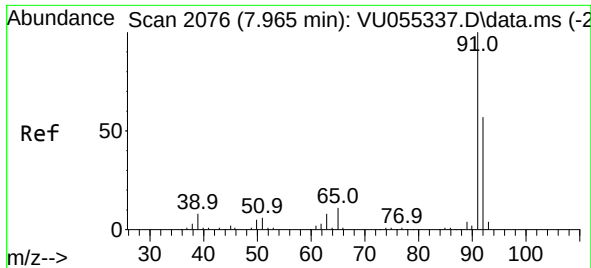
Ion Ratio Lower Upper

43 100

58 42.6 32.9 49.3

100 16.5 12.9 19.3





#42

Toluene

Concen: 12.323 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Instrument :

MSVOA_U

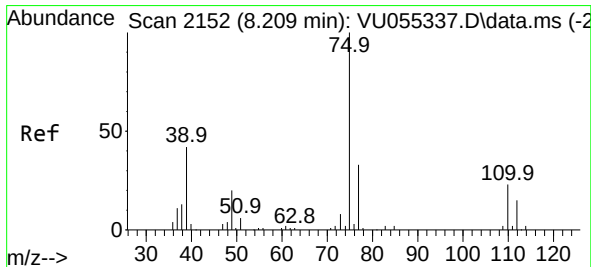
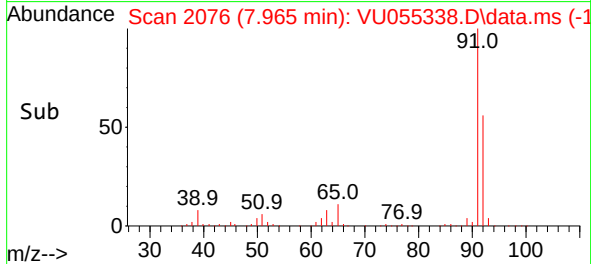
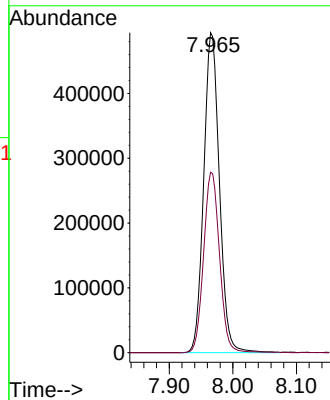
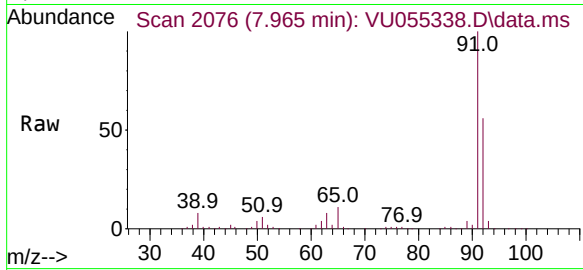
ClientSampleId :

Tgt Ion: 91 Resp: 846578

Ion Ratio Lower Upper

91 100

92 56.4 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 11.383 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.003 min

Lab File: VU055338.D

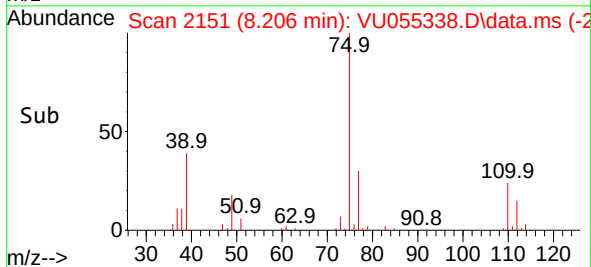
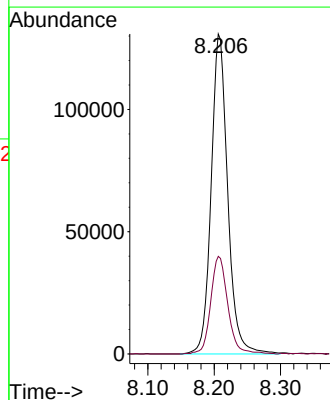
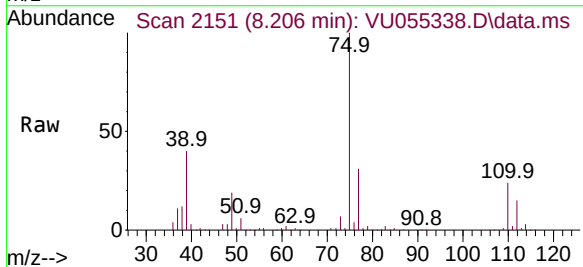
Acq: 15 Sep 2023 14:05

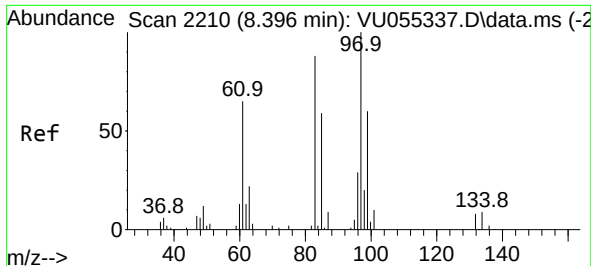
Tgt Ion: 75 Resp: 226593

Ion Ratio Lower Upper

75 100

77 30.5 23.2 43.0





#45

1,1,2-Trichloroethane

Concen: 11.478 ug/L

RT: 8.396 min Scan# 2210

Delta R.T. 0.000 min

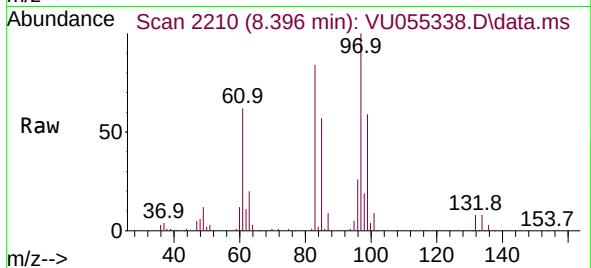
Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 136958

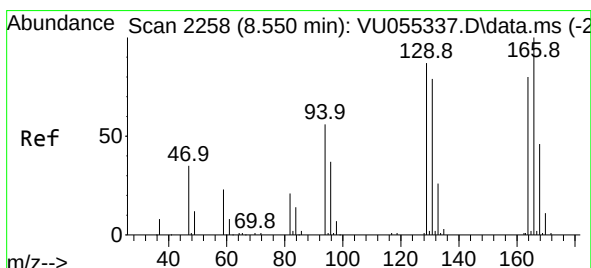
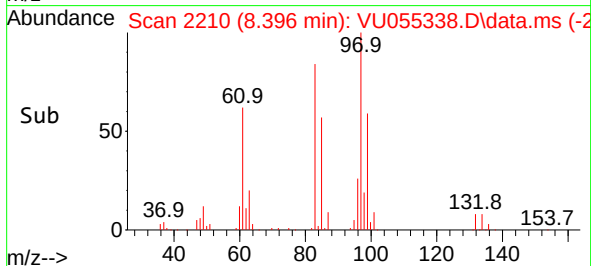
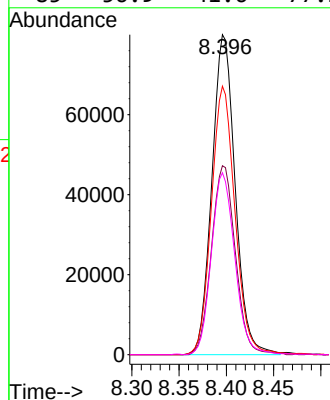
Ion Ratio Lower Upper

97 100

99 59.0 42.4 78.6

83 83.9 61.3 113.9

85 56.9 41.6 77.2



#47

Tetrachloroethene

Concen: 10.652 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Tgt Ion: 164 Resp: 145946

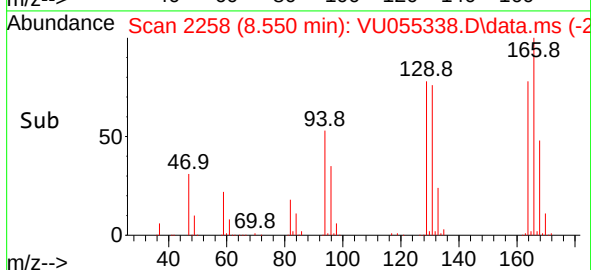
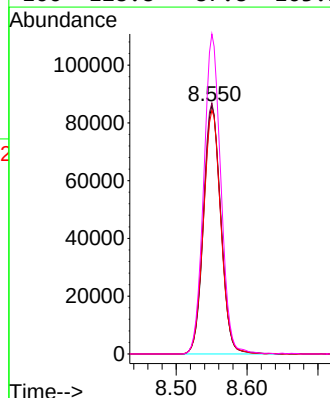
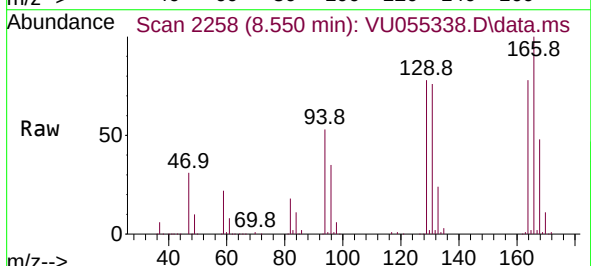
Ion Ratio Lower Upper

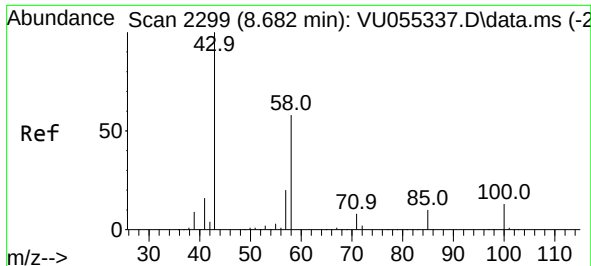
164 100

129 101.0 76.3 141.7

131 98.0 69.1 128.3

166 128.8 87.8 163.2



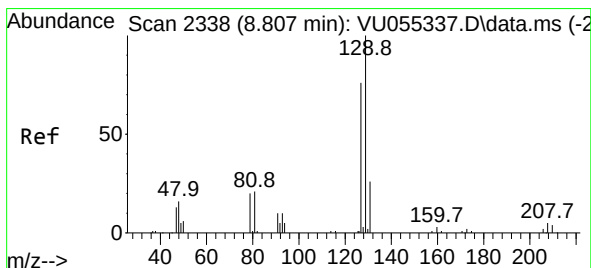
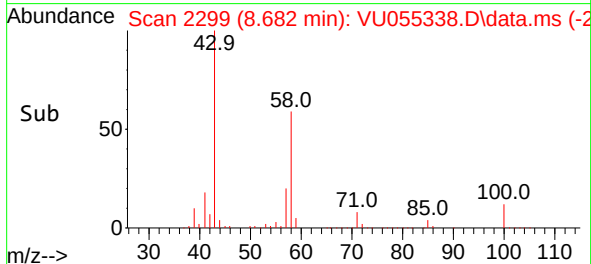
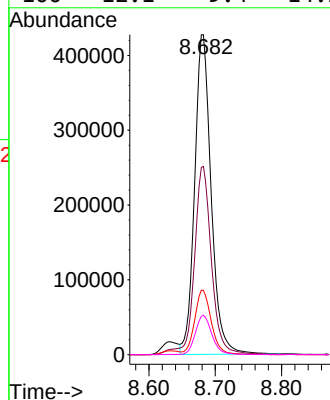
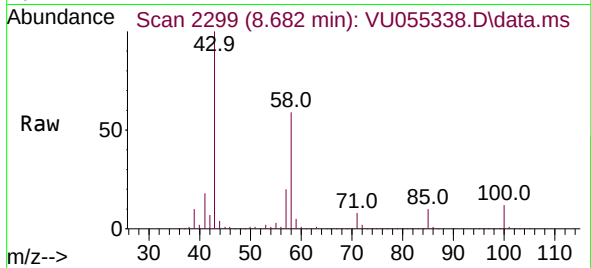


#48
2-Hexanone
Concen: 115.440 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 740150

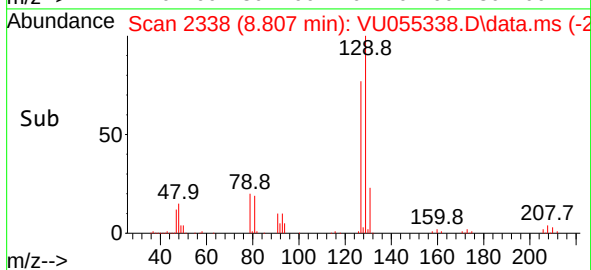
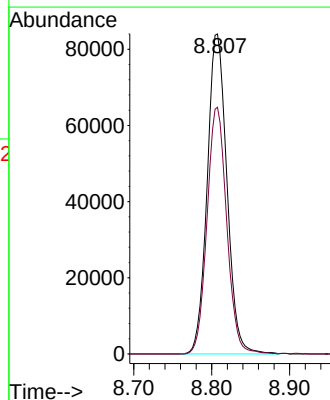
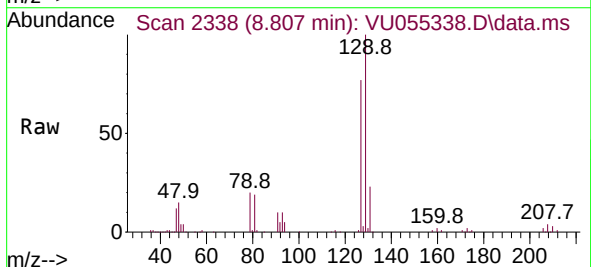
Ion	Ratio	Lower	Upper
43	100		
58	61.2	47.8	71.6
57	20.1	15.4	23.2
100	12.1	9.4	14.2

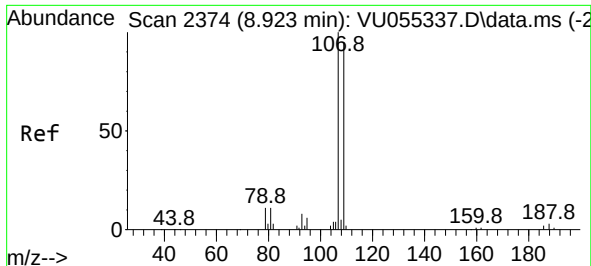


#49
Dibromochloromethane
Concen: 11.221 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

Tgt Ion: 129 Resp: 147940

Ion	Ratio	Lower	Upper
129	100		
127	77.1	53.4	99.2





#50

1,2-Dibromoethane

Concen: 11.833 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.003 min

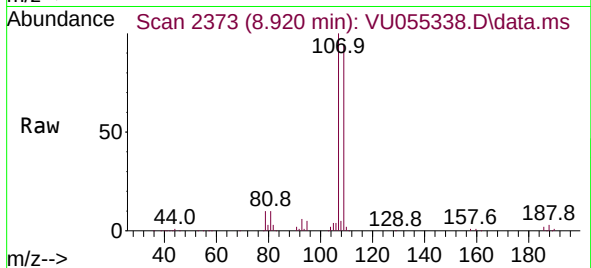
Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :



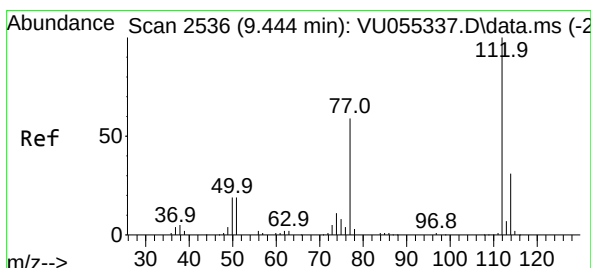
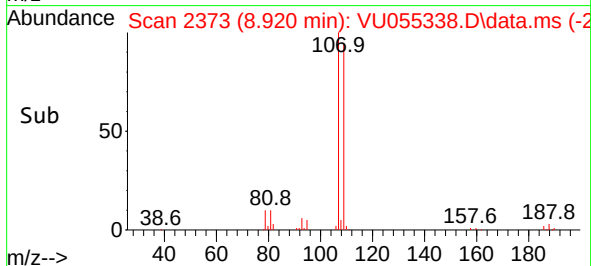
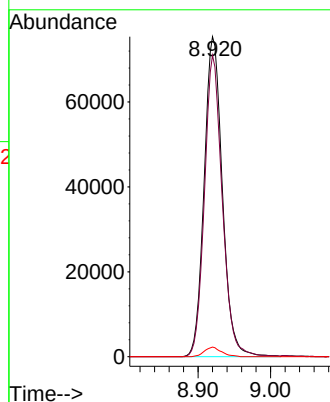
Tgt Ion:107 Resp: 131655

Ion Ratio Lower Upper

107 100

109 94.2 66.6 123.8

188 3.0 2.1 3.1



#51

Chlorobenzene

Concen: 11.379 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

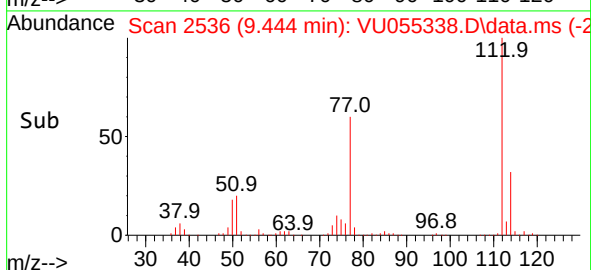
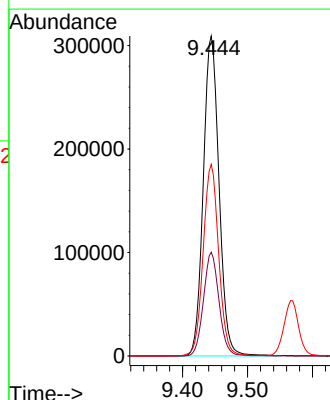
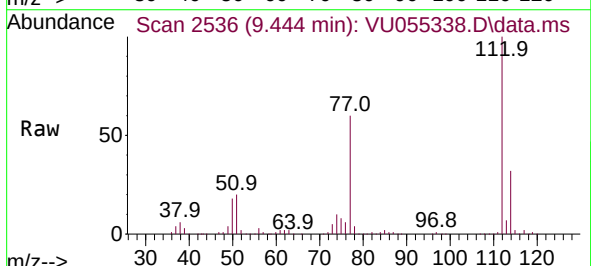
Tgt Ion:112 Resp: 522012

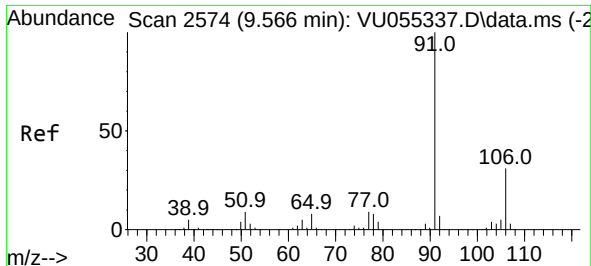
Ion Ratio Lower Upper

112 100

114 32.4 21.8 40.6

77 59.8 47.4 71.0

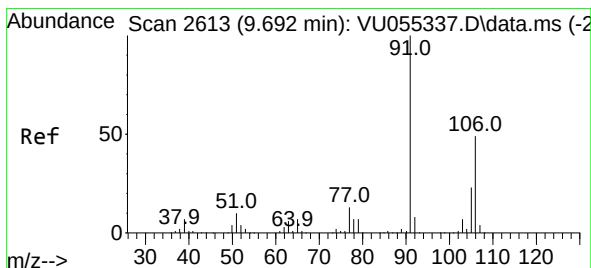
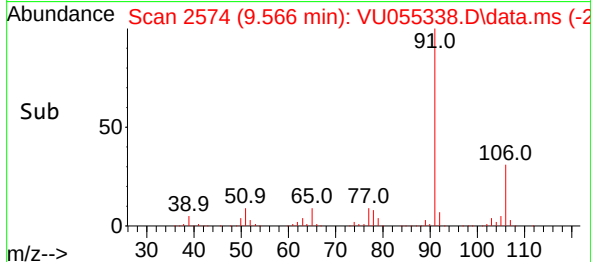
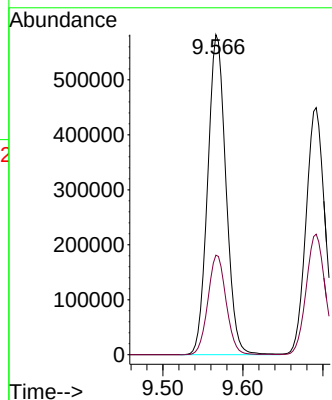
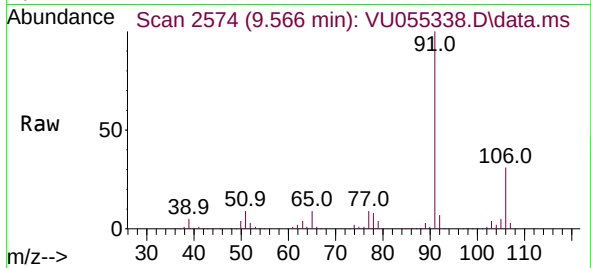




#52
Ethylbenzene
Concen: 12.097 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

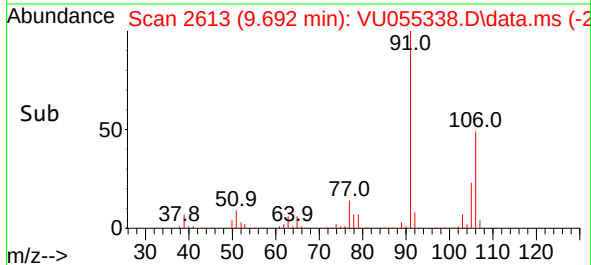
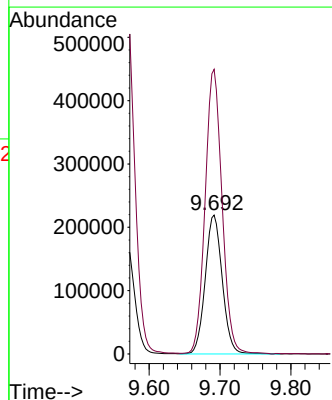
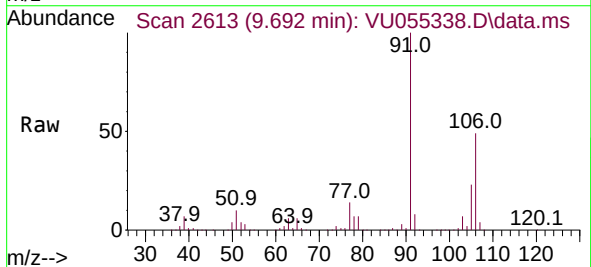
Instrument :
MSVOA_U
ClientSampleId :

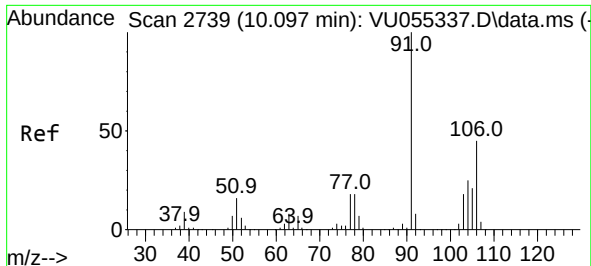
Tgt Ion: 91 Resp: 923837
Ion Ratio Lower Upper
91 100
106 31.1 21.5 39.9



#53
m,p-Xylene
Concen: 12.610 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

Tgt Ion: 106 Resp: 365425
Ion Ratio Lower Upper
106 100
91 205.0 143.3 266.1

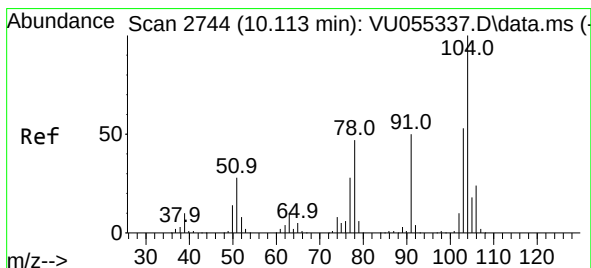
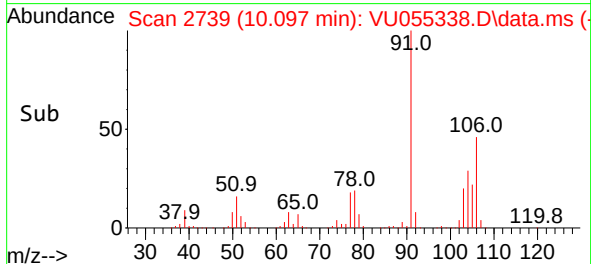
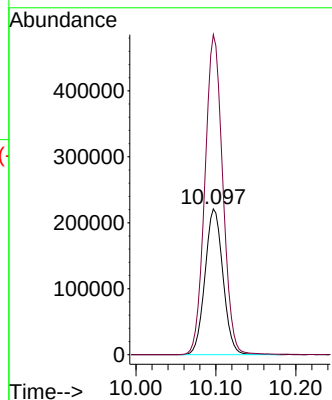
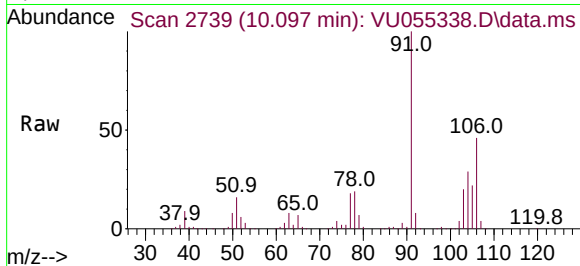




#54
o-Xylene
Concen: 12.159 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

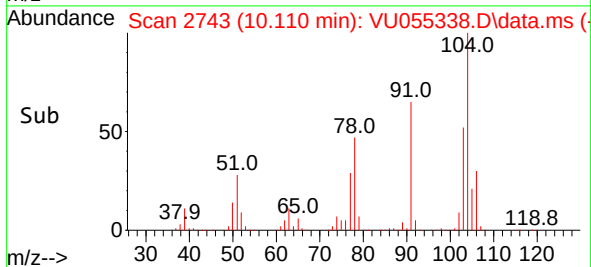
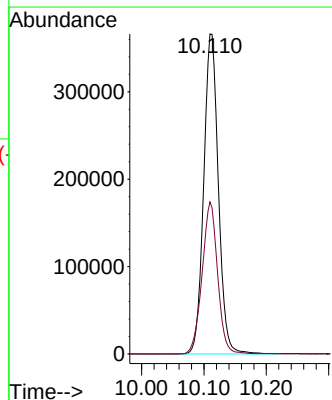
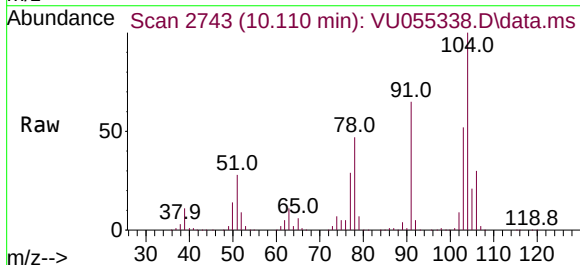
Instrument :
MSVOA_U
ClientSampleId :

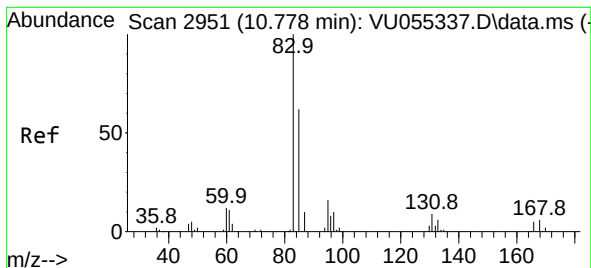
Tgt Ion:106 Resp: 345965
Ion Ratio Lower Upper
106 100
91 219.5 155.6 289.0



#55
Styrene
Concen: 12.873 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

Tgt Ion:104 Resp: 599295
Ion Ratio Lower Upper
104 100
78 47.5 32.9 61.1

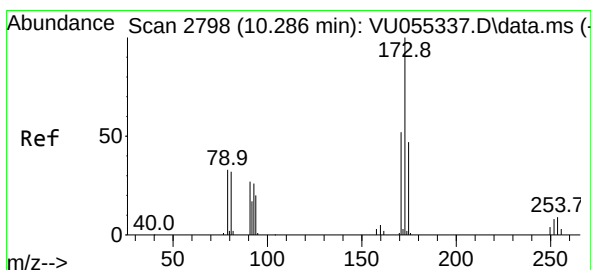
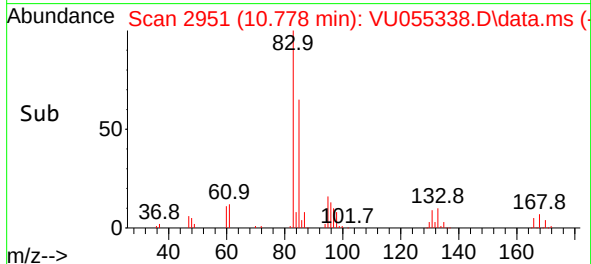
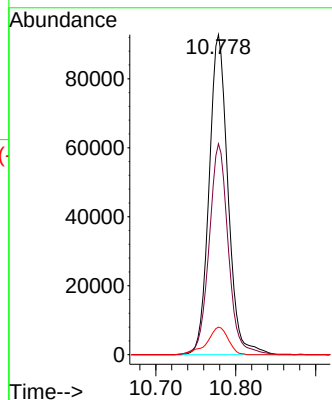
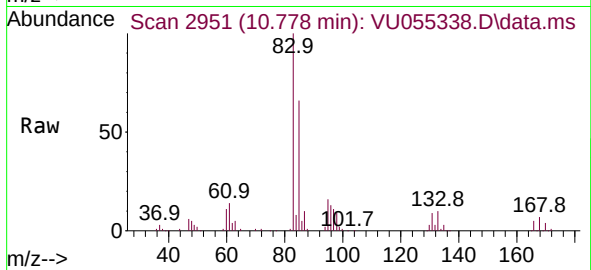




#57
1,1,2,2-Tetrachloroethane
Concen: 10.804 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

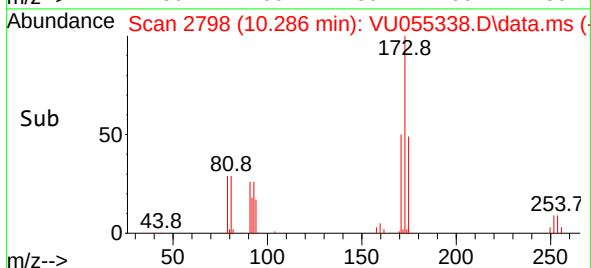
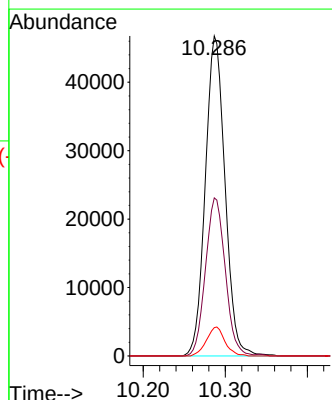
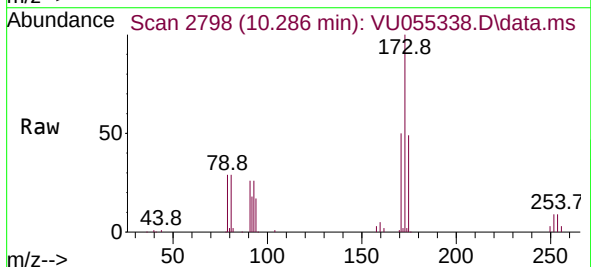
Instrument :
MSVOA_U
ClientSampleId :

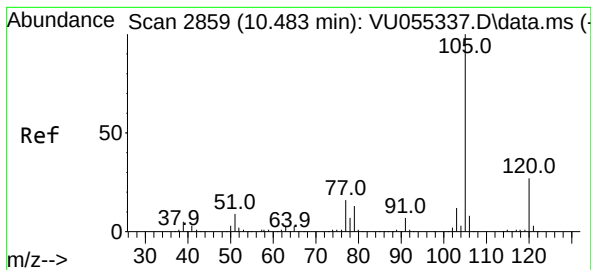
Tgt Ion: 83 Resp: 152122
Ion Ratio Lower Upper
83 100
85 65.9 43.3 80.5
131 8.6 7.2 10.8



#59
Bromoform
Concen: 9.936 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

Tgt Ion:173 Resp: 78136
Ion Ratio Lower Upper
173 100
175 49.5 38.1 57.1
254 8.5 6.8 10.2





#60

Isopropylbenzene

Concen: 11.929 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU055338.D

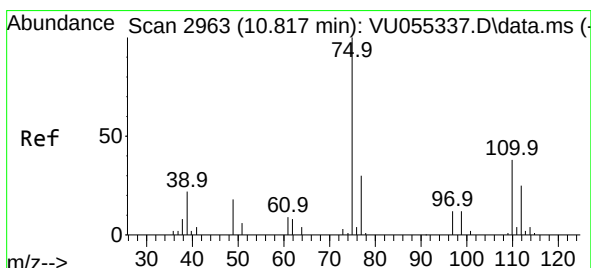
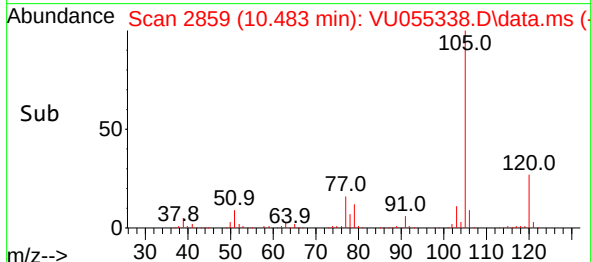
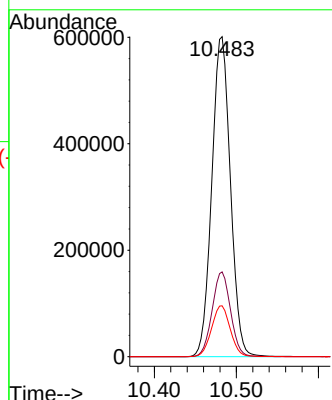
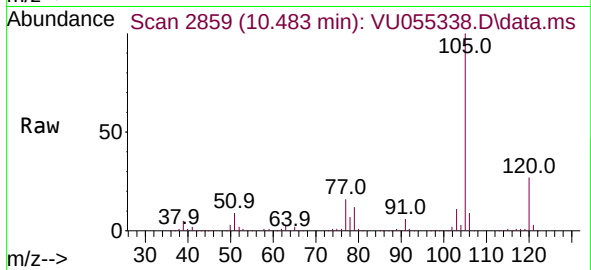
Acq: 15 Sep 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	945661
Ion Ratio	Lower	Upper	
105	100		
120	26.3	21.0	31.4
77	16.1	13.1	19.7



#61

1,2,3-Trichloropropane

Concen: 11.012 ug/L

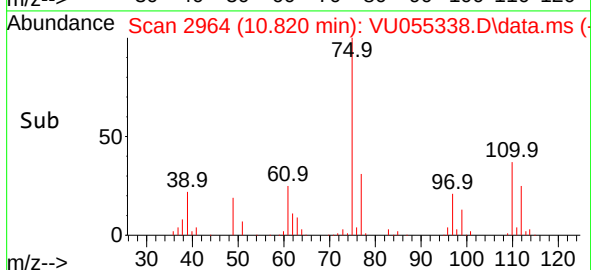
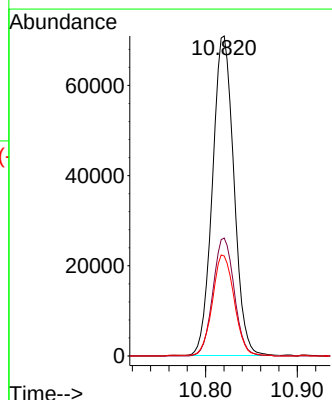
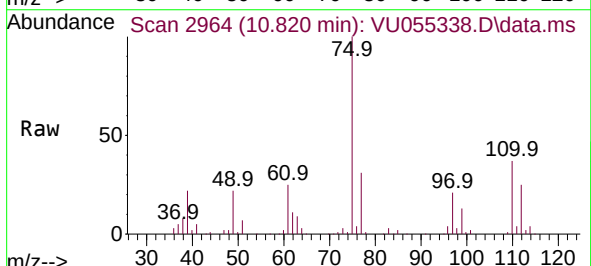
RT: 10.820 min Scan# 2964

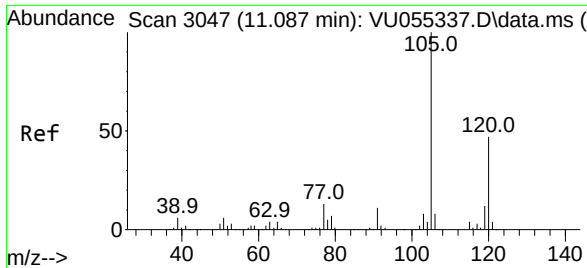
Delta R.T. 0.003 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Tgt Ion:	75	Resp:	114837
Ion Ratio	Lower	Upper	
75	100		
110	36.8	31.4	47.2
77	32.4	26.0	39.0

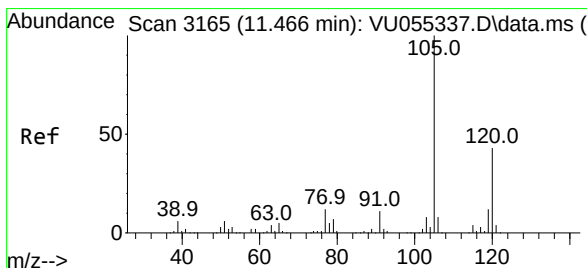
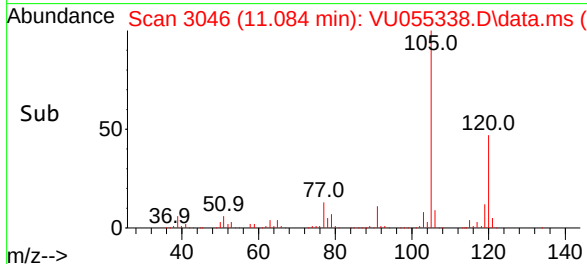
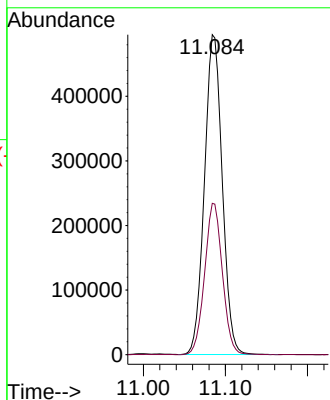
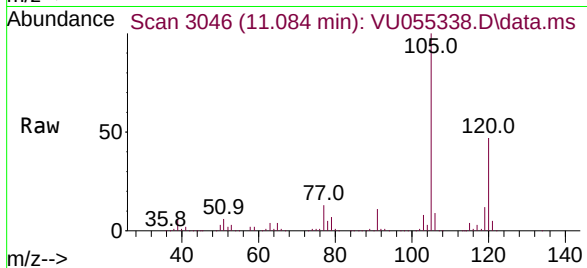




#62
1,3,5-Trimethylbenzene
Concen: 11.745 ug/L
RT: 11.084 min Scan# 3047
Delta R.T. -0.003 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

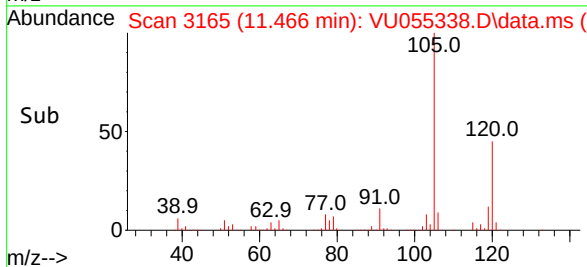
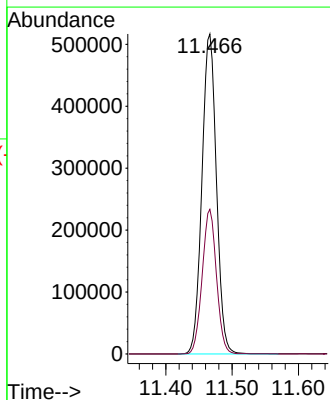
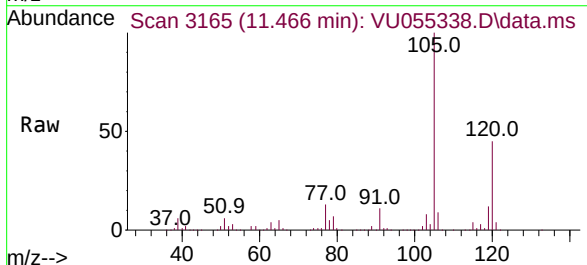
Instrument :
MSVOA_U
ClientSampleId :

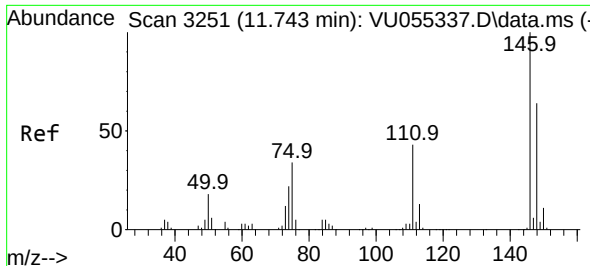
Tgt Ion:105 Resp: 747953
Ion Ratio Lower Upper
105 100
120 47.2 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 12.297 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

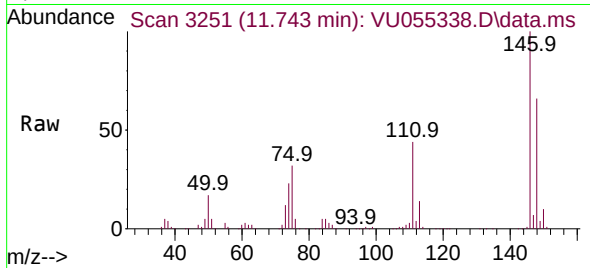
Tgt Ion:105 Resp: 783594
Ion Ratio Lower Upper
105 100
120 44.5 34.6 52.0



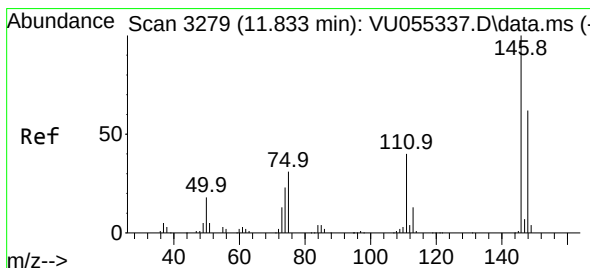
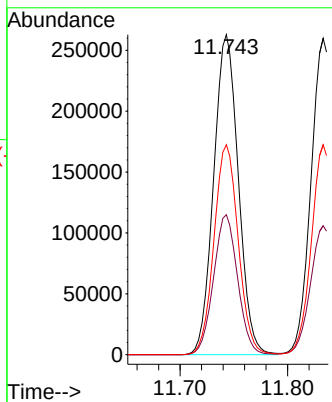
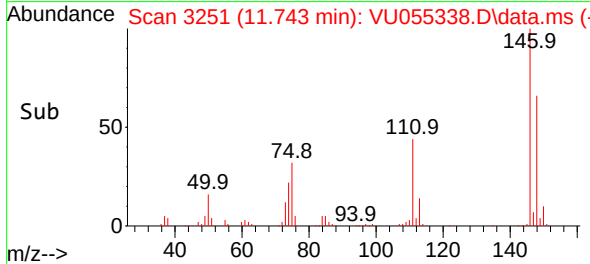


#64
1,3-Dichlorobenzene
Concen: 10.819 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05

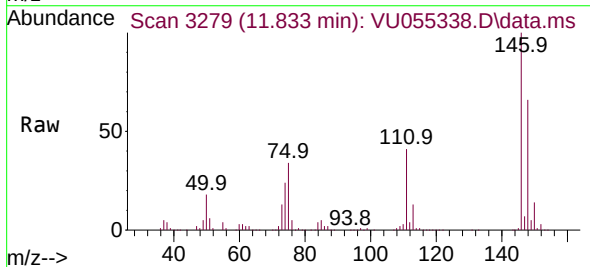
Instrument :
MSVOA_U
ClientSampleId :



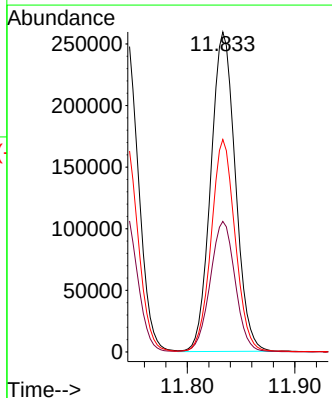
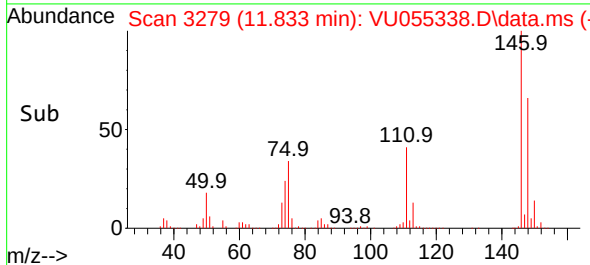
Tgt Ion:146 Resp: 419501
Ion Ratio Lower Upper
146 100
111 43.7 30.4 56.4
148 65.6 44.9 83.5

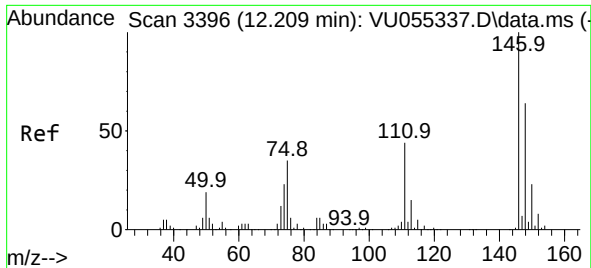


#65
1,4-Dichlorobenzene
Concen: 10.668 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055338.D
Acq: 15 Sep 2023 14:05



Tgt Ion:146 Resp: 412088
Ion Ratio Lower Upper
146 100
111 40.8 28.7 53.3
148 66.4 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 10.850 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

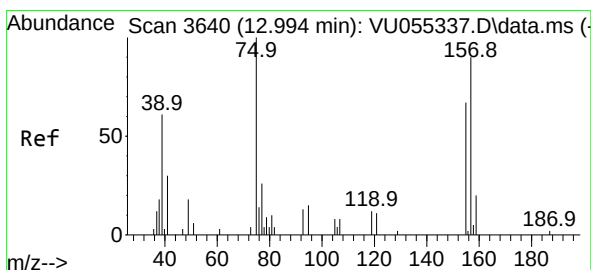
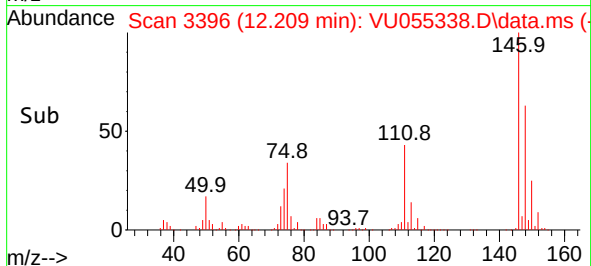
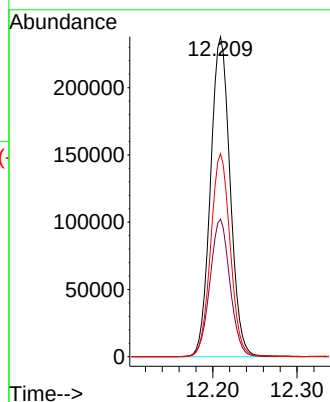
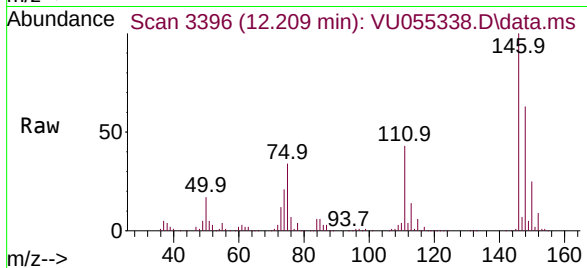
Tgt Ion:146 Resp: 384948

Ion Ratio Lower Upper

146 100

111 43.0 35.4 53.0

148 63.4 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 9.945 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

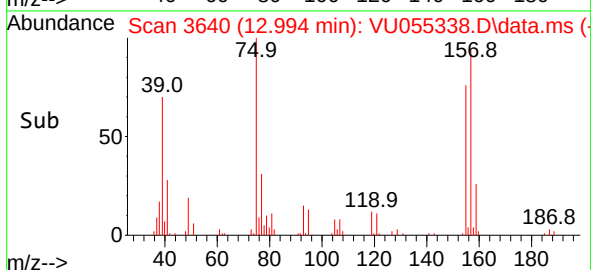
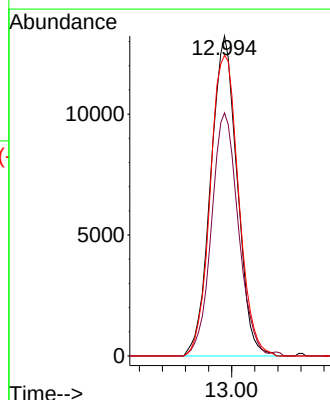
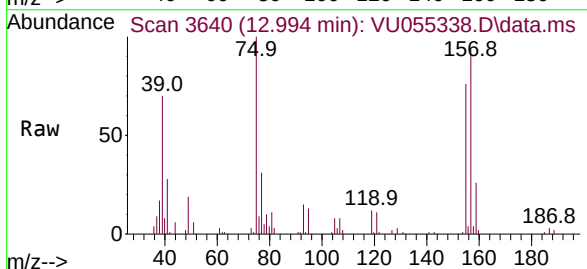
Tgt Ion: 75 Resp: 21039

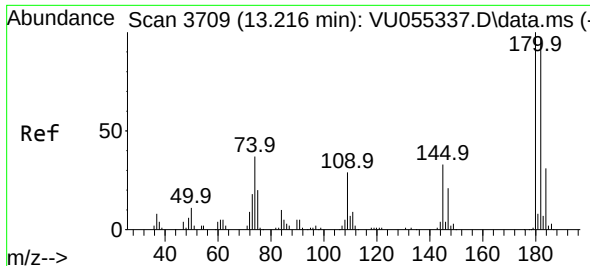
Ion Ratio Lower Upper

75 100

155 76.0 53.7 80.5

157 93.9 72.4 108.6





#69

1,3,5-Trichlorobenzene

Concen: 10.423 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.000 min

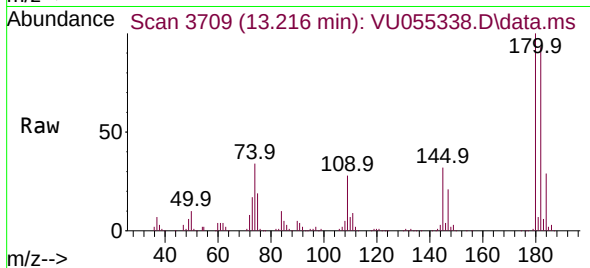
Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 293227

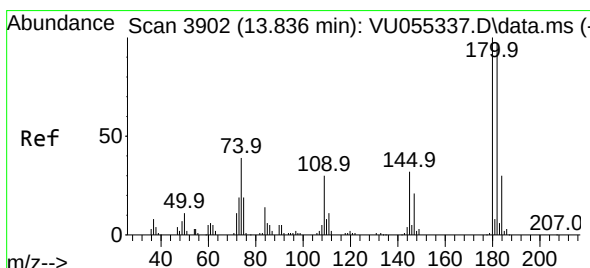
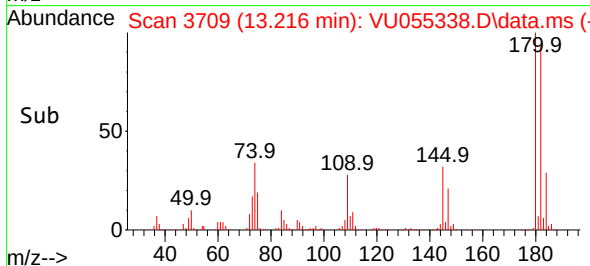
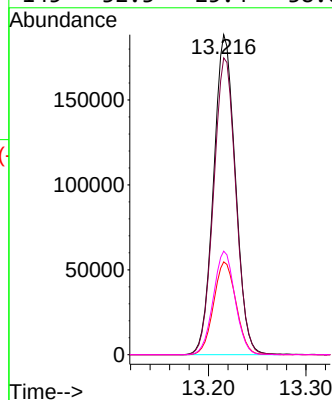
Ion Ratio Lower Upper

180 100

182 94.4 77.4 116.2

184 29.8 24.5 36.7

145 32.3 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 9.937 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

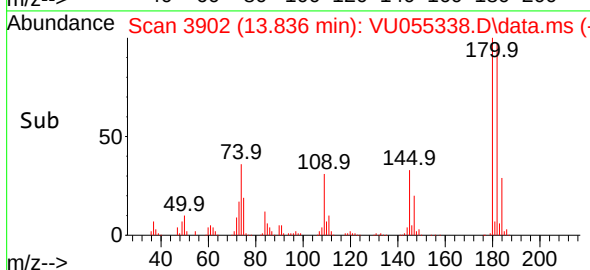
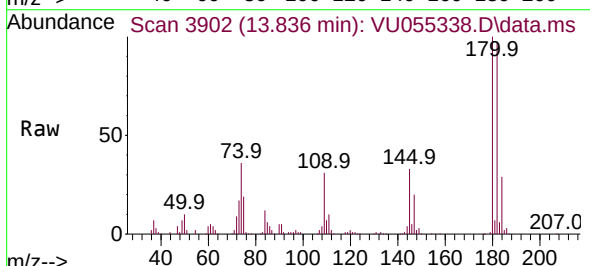
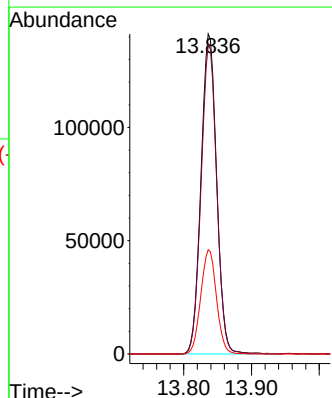
Tgt Ion:180 Resp: 226707

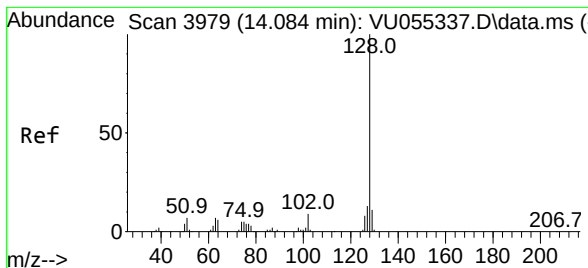
Ion Ratio Lower Upper

180 100

182 96.1 76.3 114.5

145 32.5 25.8 38.8





#71

Naphthalene

Concen: 9.918 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

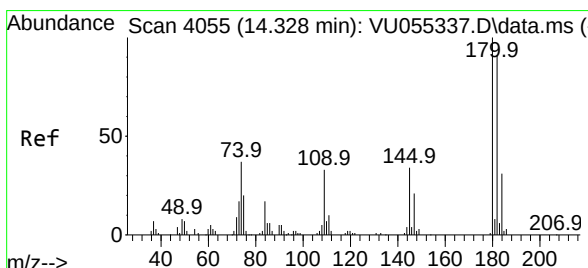
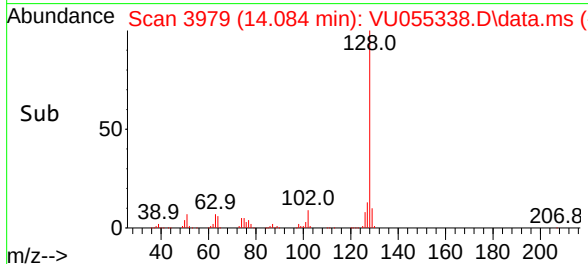
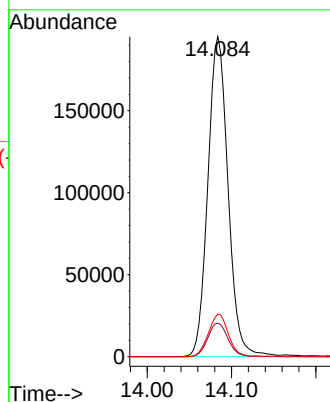
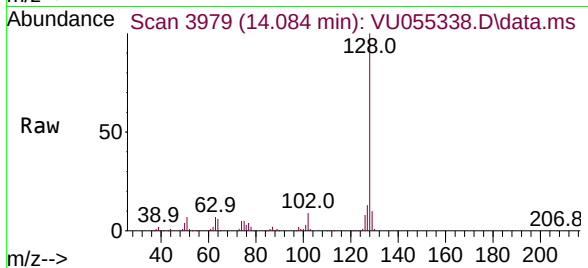
Tgt Ion:128 Resp: 325431

Ion Ratio Lower Upper

128 100

129 10.6 8.2 12.4

127 13.2 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 10.237 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.003 min

Lab File: VU055338.D

Acq: 15 Sep 2023 14:05

Tgt Ion:180 Resp: 196582

Ion Ratio Lower Upper

180 100

182 94.5 74.6 112.0

145 34.7 27.3 40.9

