

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055059.D
 Acq On : 01 Sep 2023 22:45
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 23:51:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:46:10 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	189531	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	196985	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	111145	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44568	5.017	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.400%		
7) Chloroethane-d5	1.907	69	50140	4.876	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 97.600%		
11) 1,1-Dichloroethene-d2	2.563	65	25963	5.130	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 102.600%		
20) 2-Butanone-d5	4.628	46	157007	60.908	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 121.820%		
24) Chloroform-d	5.062	84	127246	5.398	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.000%		
26) 1,2-Dichloroethane-d4	5.698	65	64799	5.495	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.800%		
32) Benzene-d6	5.724	84	247221	5.084	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.600%		
36) 1,2-Dichloropropane-d6	6.689	67	78143	5.053	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 101.000%		
41) Toluene-d8	7.894	98	228051	5.091	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.800%		
43) trans-1,3-Dichloroprop...	8.177	79	22879	5.372	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 107.400%		
46) 2-Hexanone-d5	8.631	63	101140	58.494	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 116.980%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	60891	5.598	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 112.000%		
66) 1,2-Dichlorobenzene-d4	12.190	152	84210	5.191	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 103.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	58594	5.320	ug/L	98
3) Chloromethane	1.515	50	57947	5.168	ug/L	99
5) Vinyl chloride	1.602	62	63210	5.344	ug/L	96
6) Bromomethane	1.853	94	35490	4.975	ug/L	98
8) Chloroethane	1.930	64	40620	5.274	ug/L	98
9) Trichlorofluoromethane	2.132	101	89086	5.179	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	52047	5.201	ug/L	99
12) 1,1-Dichloroethene	2.576	96	45866	5.234	ug/L	98
13) Acetone	2.634	43	87824	50.834	ug/L	98
14) Carbon disulfide	2.788	76	109774	5.116	ug/L	100
15) Methyl Acetate	2.956	43	22508	6.365	ug/L	98
16) Methylene chloride	3.039	84	69706	5.206	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	132762	5.777	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	46249	5.202	ug/L	95
19) 1,1-Dichloroethane	3.866	63	104850	5.457	ug/L	98
21) 2-Butanone	4.708	43	148166	58.370	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	56678	5.208	ug/L	97
23) Bromochloromethane	4.972	128	25801	5.765	ug/L	95
25) Chloroform	5.084	83	110564	5.525	ug/L	95

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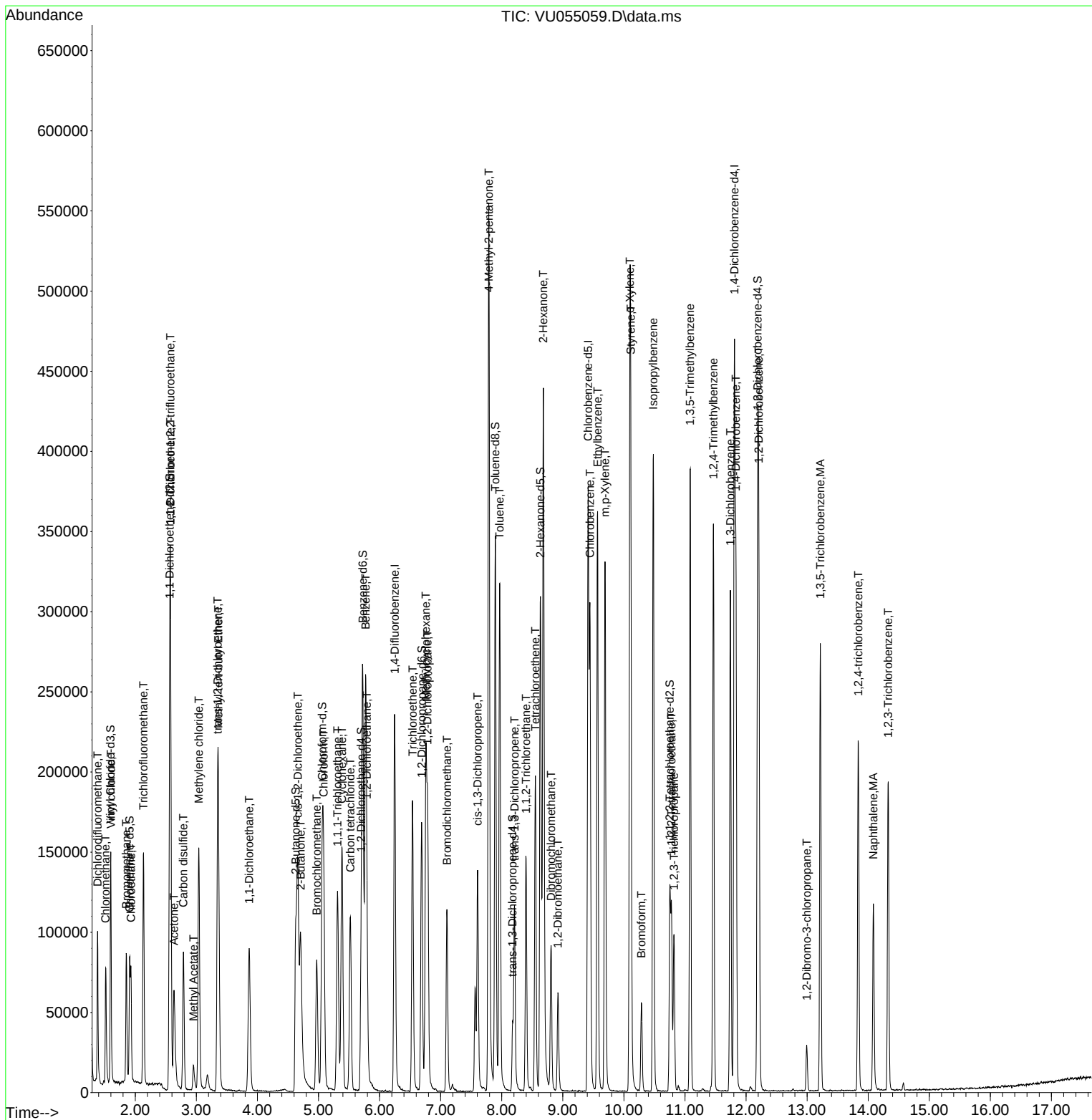
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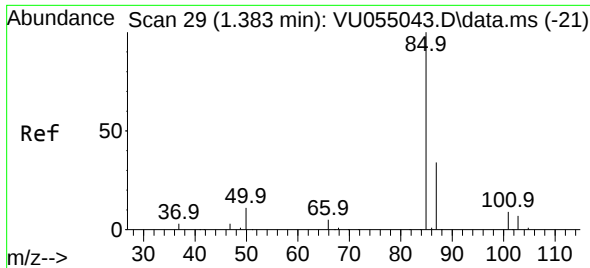
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:46:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	67408	5.519	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	89067	5.227	ug/L	98
30) Cyclohexane	5.386	56	75780	5.001	ug/L	99
31) Carbon tetrachloride	5.521	117	73016	5.153	ug/L	99
33) Benzene	5.772	78	221595	5.286	ug/L	100
34) Trichloroethene	6.541	95	60795	5.218	ug/L	96
35) Methylcyclohexane	6.759	83	79385	4.856	ug/L	97
37) 1,2-Dichloropropane	6.785	63	62140	5.444	ug/L	98
38) Bromodichloromethane	7.103	83	72417	5.314	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	79872	5.145	ug/L	91
40) 4-Methyl-2-pentanone	7.788	43	368112	56.538	ug/L	99
42) Toluene	7.965	91	232573	5.204	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	65410	5.368	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	44637	5.806	ug/L	93
47) Tetrachloroethene	8.550	164	42235	5.245	ug/L	96
48) 2-Hexanone	8.682	43	283249	55.541	ug/L	99
49) Dibromochloromethane	8.807	129	44473	5.299	ug/L	98
50) 1,2-Dibromoethane	8.920	107	40833	5.833	ug/L	90
51) Chlorobenzene	9.444	112	150379	5.080	ug/L	99
52) Ethylbenzene	9.569	91	254666	5.093	ug/L	99
53) m,p-Xylene	9.692	106	95744	5.175	ug/L	99
54) o-Xylene	10.097	106	92485	5.080	ug/L	95
55) Styrene	10.113	104	151839	5.050	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	55189	5.763	ug/L	97
59) Bromoform	10.286	173	24846	5.595	ug/L	96
60) Isopropylbenzene	10.483	105	254273	4.906	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	40039	5.428	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	208868	4.844	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	193989	4.565	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	120291	4.835	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	120017	4.840	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	113164	4.851	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	7333	5.161	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	81876	4.355	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	62685	3.555	ug/L	96
71) Naphthalene	14.084	128	94054	2.935	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	56543	3.695	ug/L	98

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

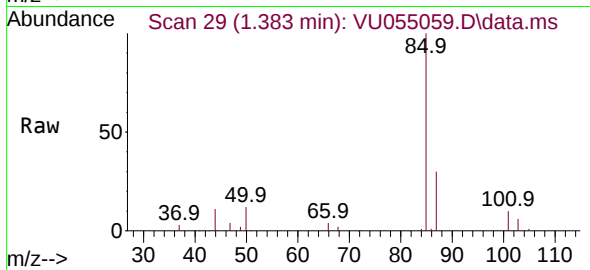
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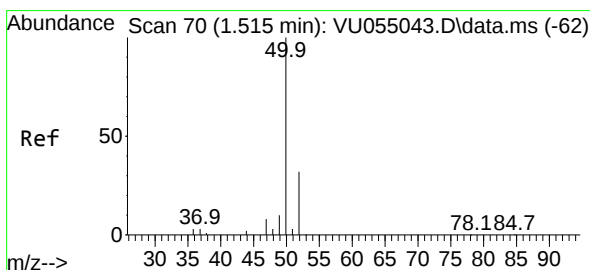
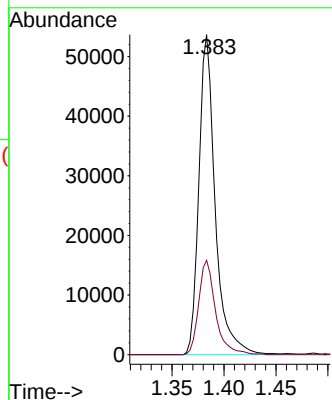
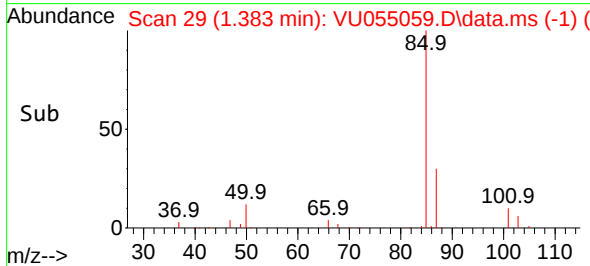


#2
 Dichlorodifluoromethane
 Concen: 5.320 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055059.D
 Acq: 01 Sep 2023 22:45

Instrument :
 MSVOA_U
 ClientSampleId :

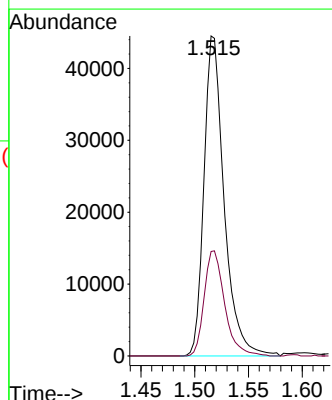
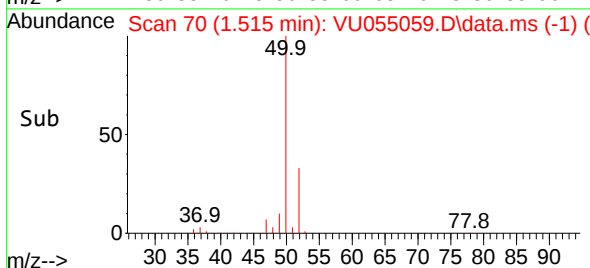
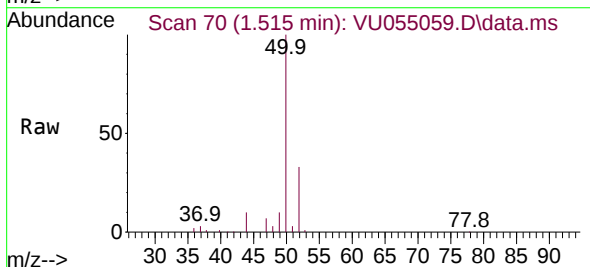


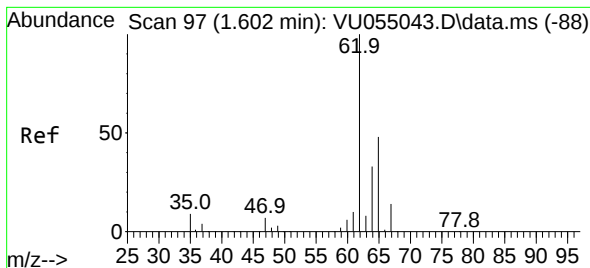
Tgt Ion: 85 Resp: 58594
 Ion Ratio Lower Upper
 85 100
 87 30.5 25.1 37.7



#3
 Chloromethane
 Concen: 5.168 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU055059.D
 Acq: 01 Sep 2023 22:45

Tgt Ion: 50 Resp: 57947
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.5 41.7





#5

Vinyl chloride

Concen: 5.344 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU055059.D

Acq: 01 Sep 2023 22:45

Instrument :

MSVOA_U

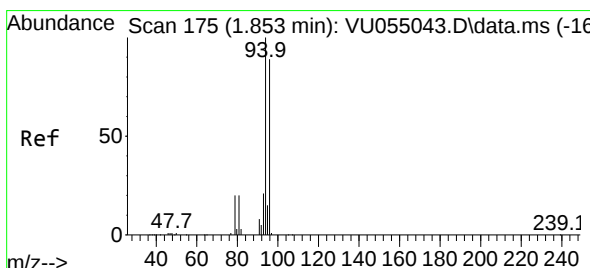
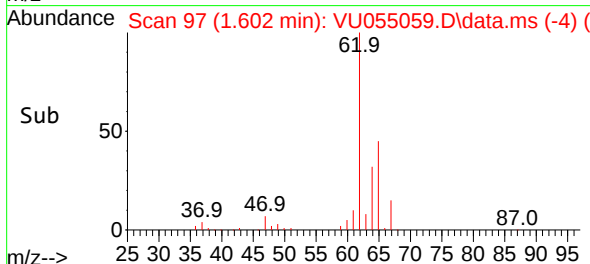
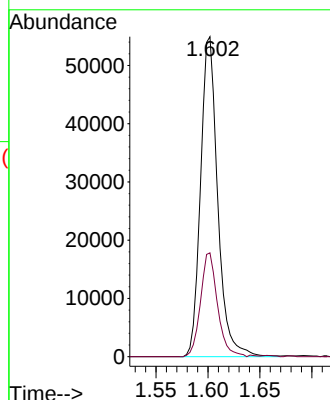
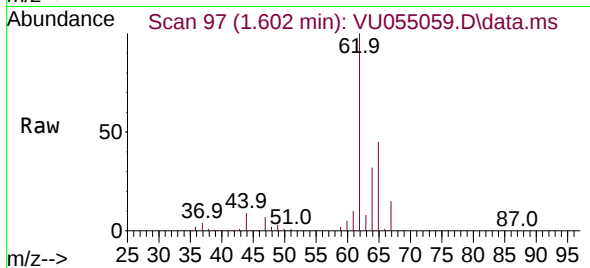
ClientSampleId :

Tgt Ion: 62 Resp: 63210

Ion Ratio Lower Upper

62 100

64 32.4 24.2 45.0



#6

Bromomethane

Concen: 4.975 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU055059.D

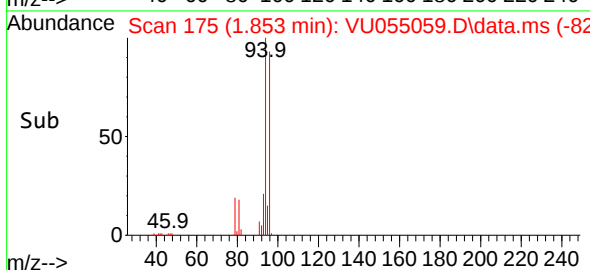
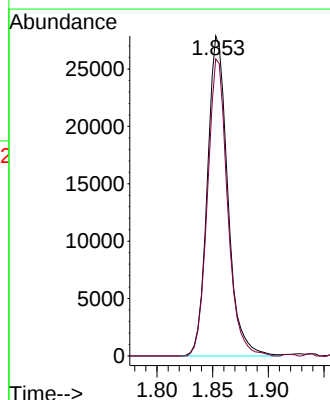
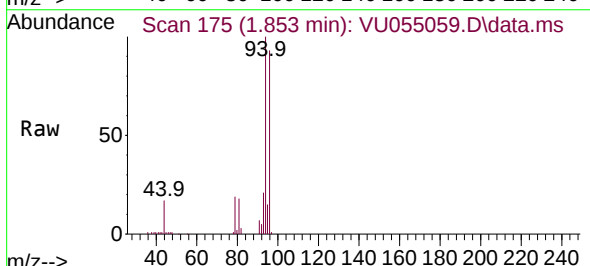
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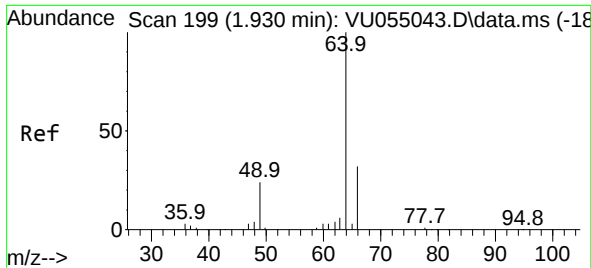
Tgt Ion: 94 Resp: 35490

Ion Ratio Lower Upper

94 100

96 92.8 63.8 118.4

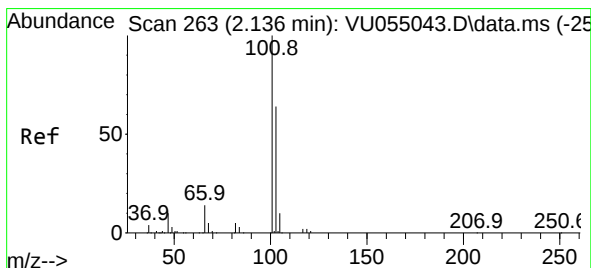
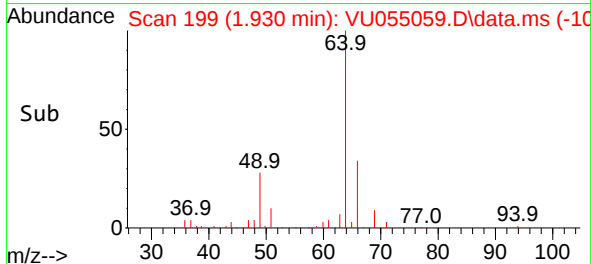
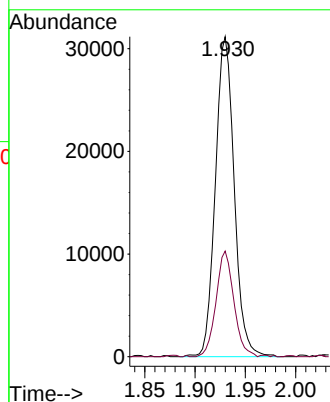
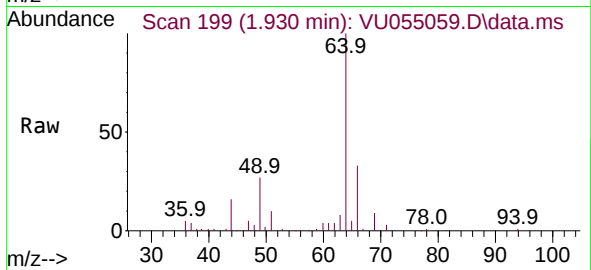




#8
Chloroethane
Concen: 5.274 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

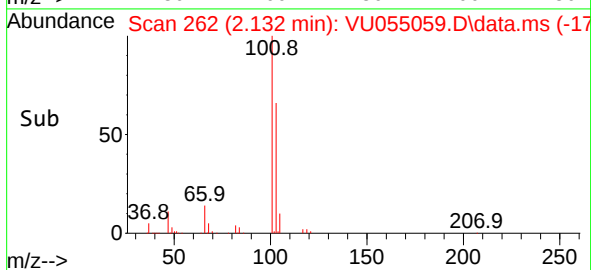
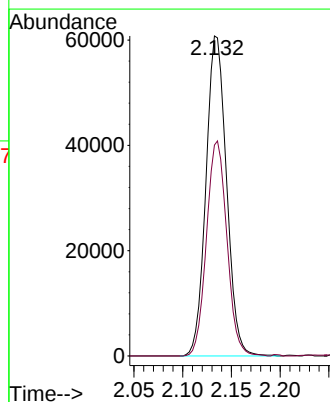
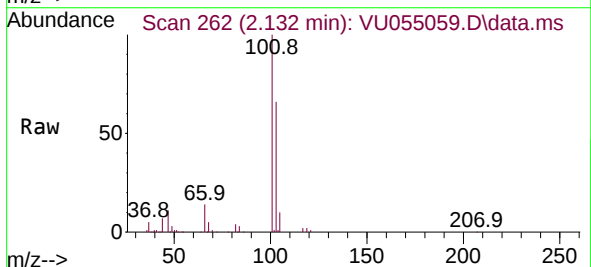
Instrument :
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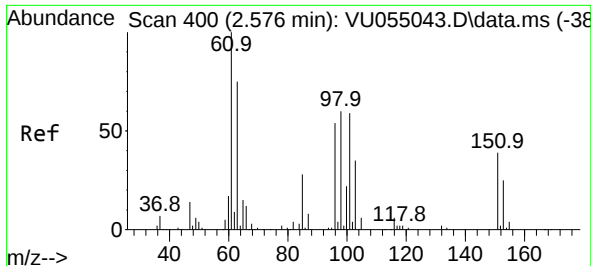
Tgt Ion: 64 Resp: 40620
Ion Ratio Lower Upper
64 100
66 33.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.179 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

Tgt Ion:101 Resp: 89086
Ion Ratio Lower Upper
101 100
103 66.7 51.9 77.9

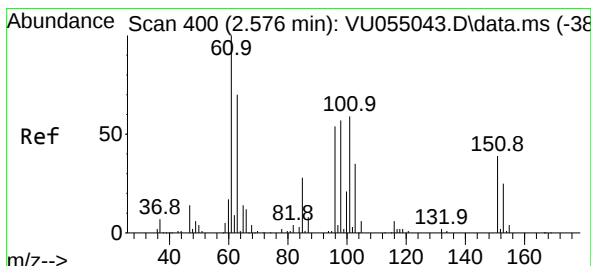
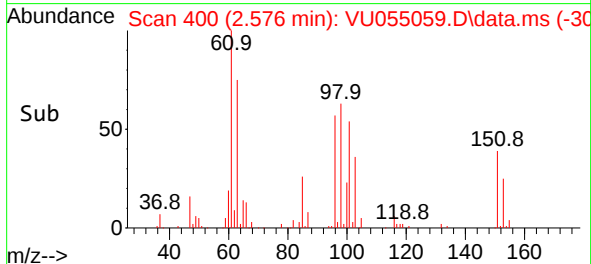
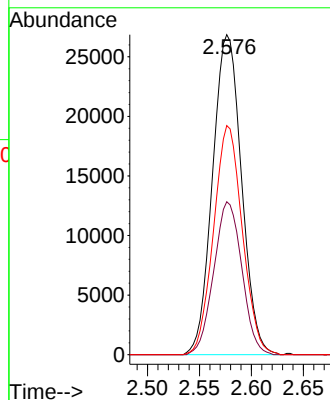
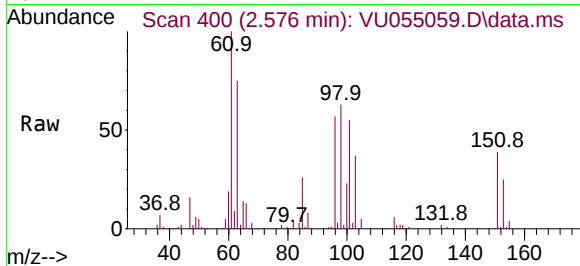




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.201 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055059.D
 Acq: 01 Sep 2023 22:45

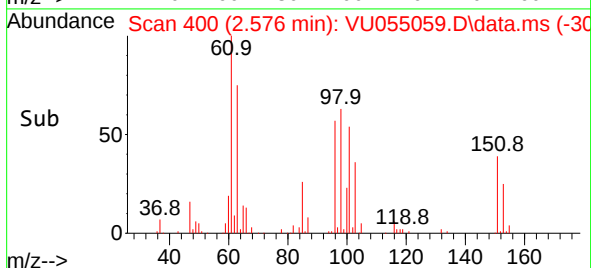
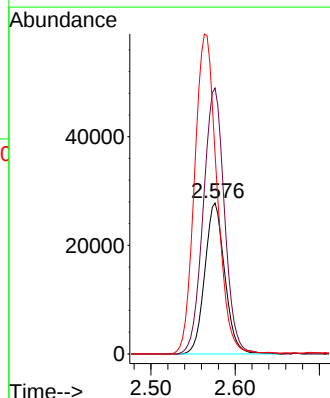
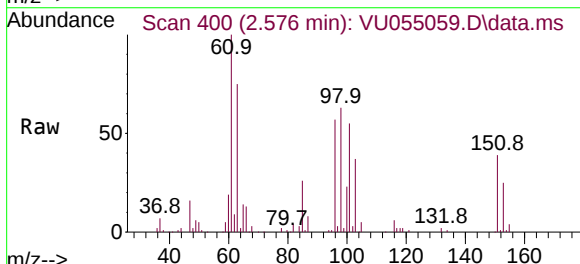
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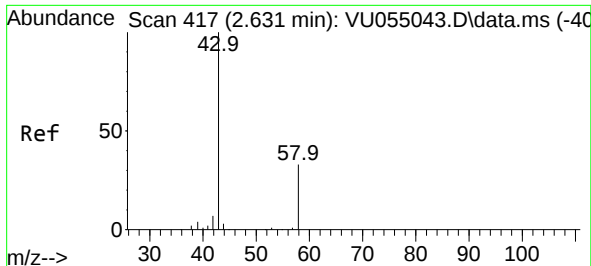
Tgt Ion:101 Resp: 52047
 Ion Ratio Lower Upper
 101 100
 85 46.3 37.3 55.9
 151 71.1 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 5.234 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055059.D
 Acq: 01 Sep 2023 22:45

Tgt Ion: 96 Resp: 45866
 Ion Ratio Lower Upper
 96 100
 61 176.2 120.8 224.4
 63 132.3 94.5 175.5





#13

Acetone

Concen: 50.834 ug/L

RT: 2.634 min Scan# 417

Delta R.T. 0.003 min

Lab File: VU055059.D

Acq: 01 Sep 2023 22:45

Instrument :

MSVOA_U

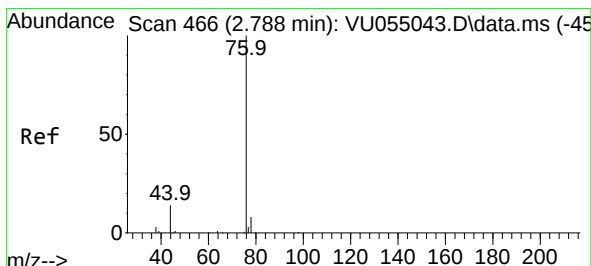
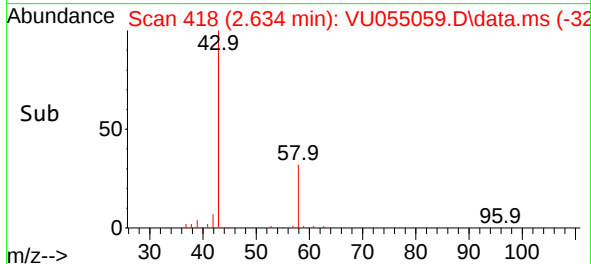
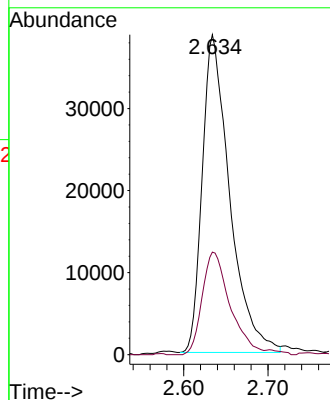
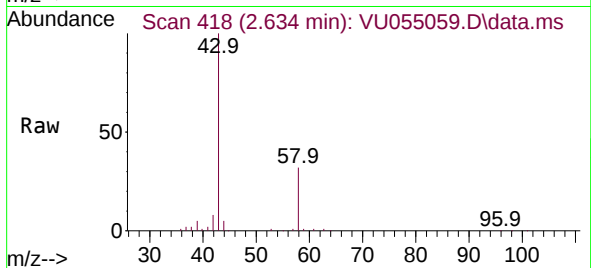
ClientSampleId :

Tgt Ion: 43 Resp: 87824

Ion Ratio Lower Upper

43 100

58 32.7 0.0 67.8



#14

Carbon disulfide

Concen: 5.116 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU055059.D

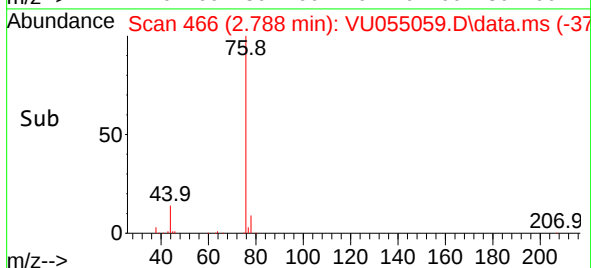
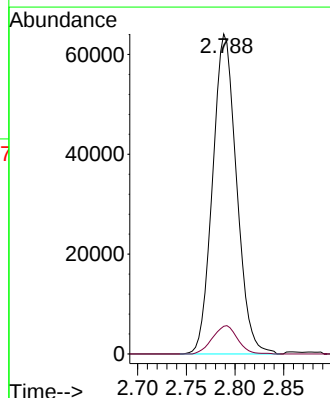
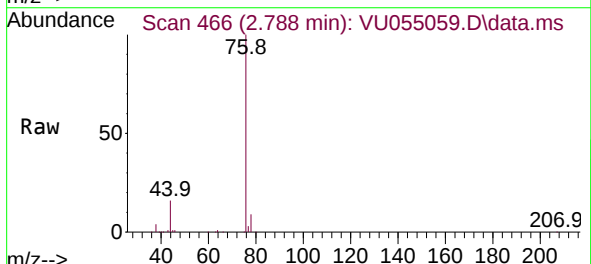
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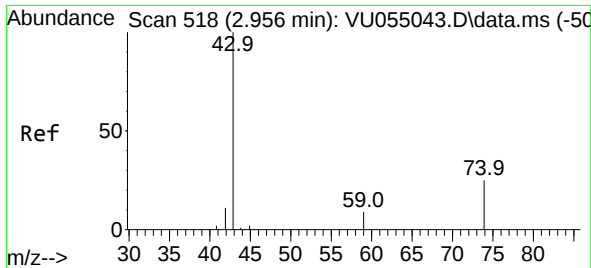
Tgt Ion: 76 Resp: 109774

Ion Ratio Lower Upper

76 100

78 8.6 6.8 10.2

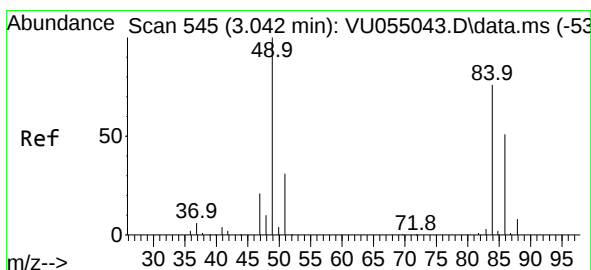
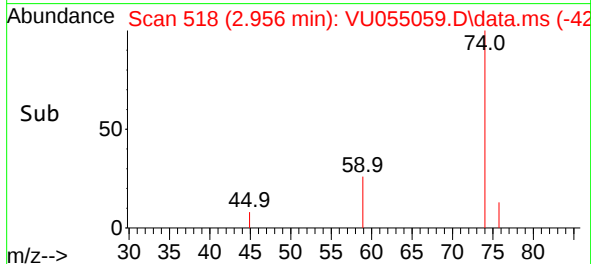
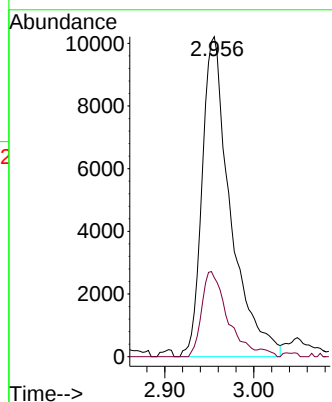
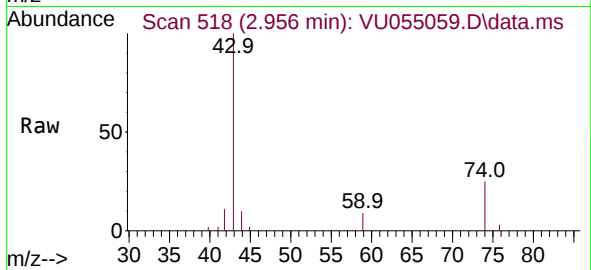




#15
Methyl Acetate
Concen: 6.365 ug/L
RT: 2.956 min Scan# 518
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

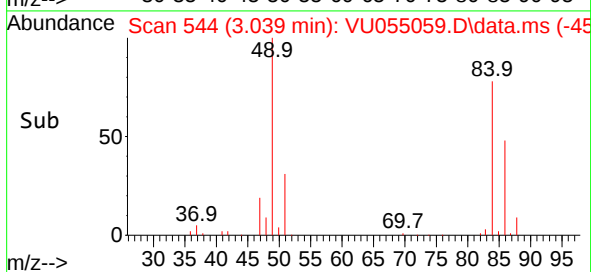
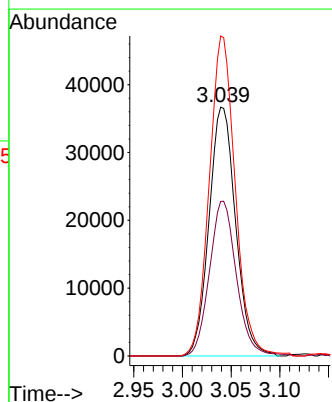
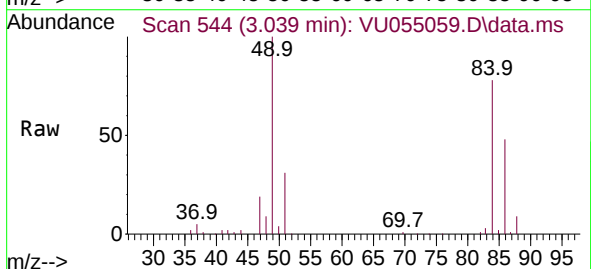
Instrument :
MSVOA_U
ClientSampleId :

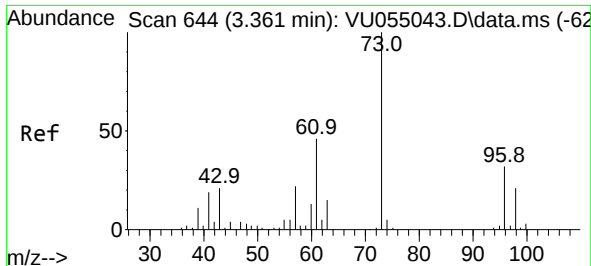
Tgt Ion: 43 Resp: 22508
Ion Ratio Lower Upper
43 100
74 24.1 18.4 27.6



#16
Methylene chloride
Concen: 5.206 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

Tgt Ion: 84 Resp: 69706
Ion Ratio Lower Upper
84 100
86 62.1 43.4 80.6
49 128.6 87.7 162.9

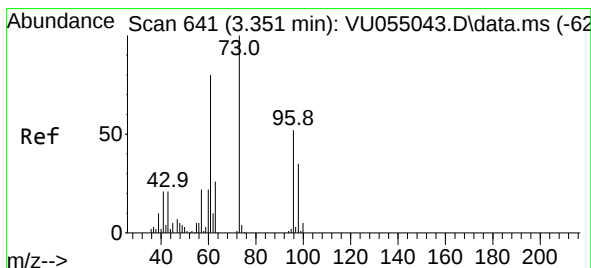
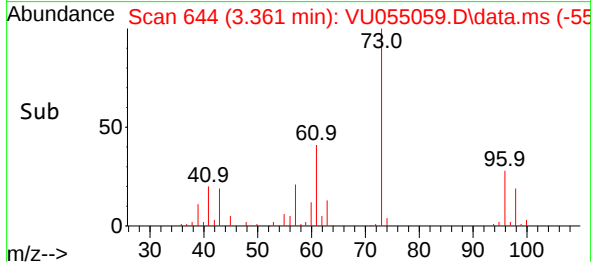
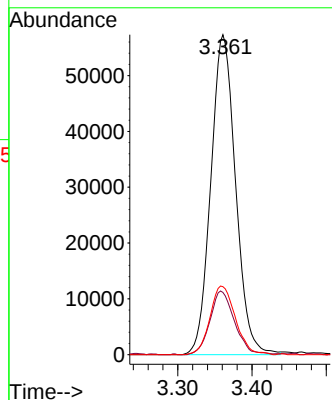
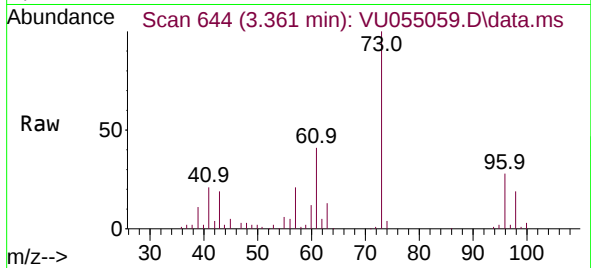




#17
Methyl tert-butyl Ether
Concen: 5.777 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

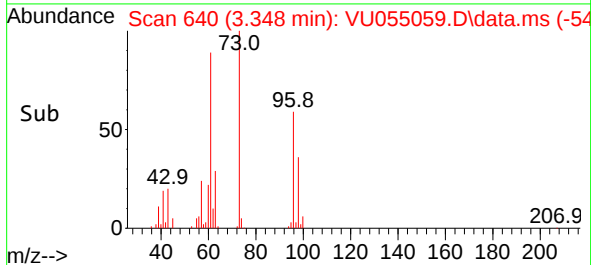
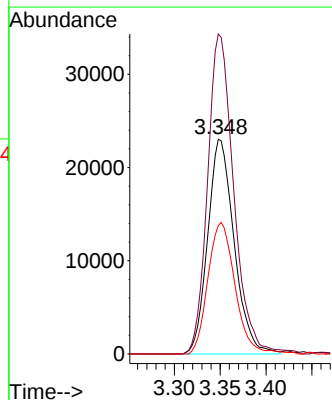
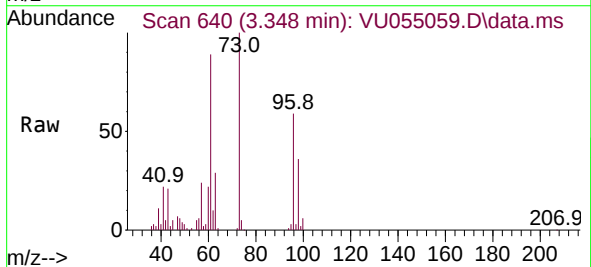
Instrument :
MSVOA_U
ClientSampleId :

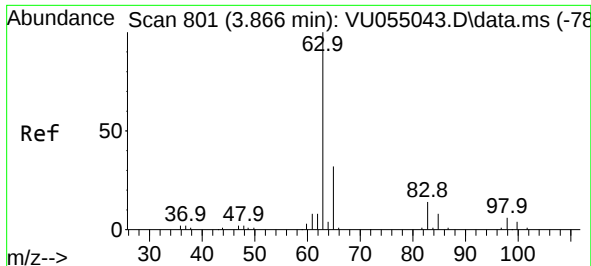
Tgt Ion: 73 Resp: 132762
Ion Ratio Lower Upper
73 100
43 19.8 16.2 24.2
57 22.1 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.202 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

Tgt Ion: 96 Resp: 46249
Ion Ratio Lower Upper
96 100
61 149.0 108.1 200.9
98 59.8 45.4 84.4





#19

1,1-Dichloroethane

Concen: 5.457 ug/L

RT: 3.866 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU055059.D

Acq: 01 Sep 2023 22:45

Instrument :

MSVOA_U

ClientSampleId :

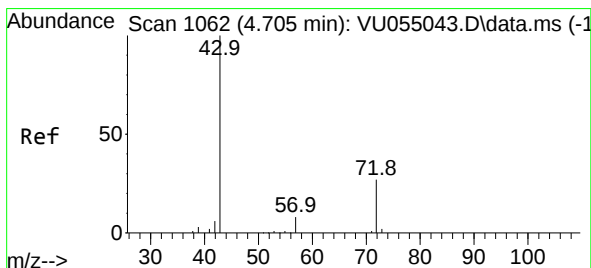
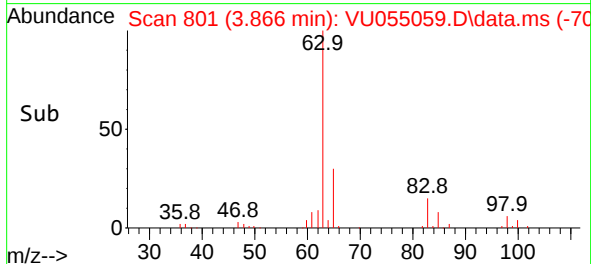
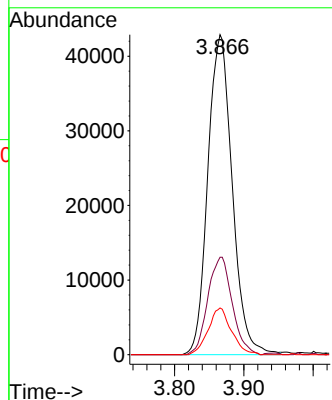
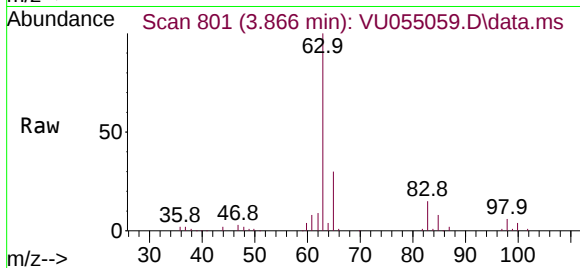
Tgt Ion: 63 Resp: 104850

Ion Ratio Lower Upper

63 100

65 30.4 22.2 41.2

83 14.6 10.6 19.8



#21

2-Butanone

Concen: 58.370 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.003 min

Lab File: VU055059.D

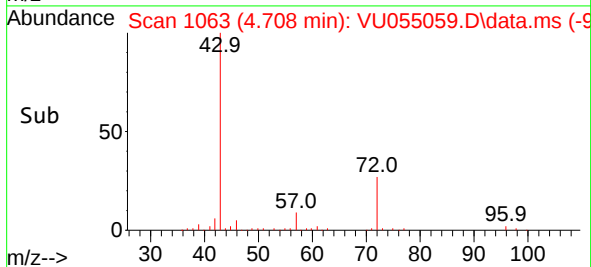
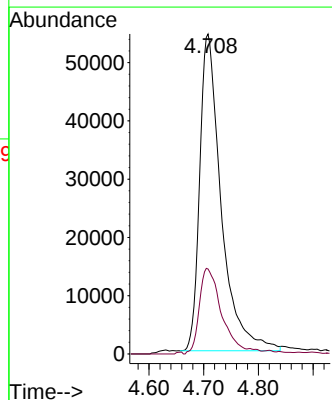
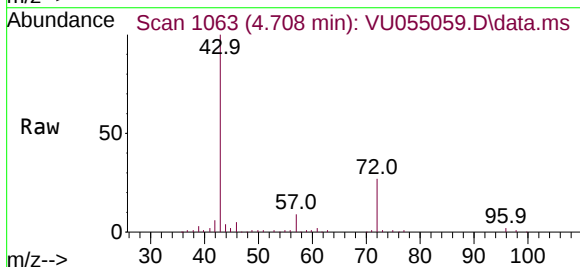
Acq: 01 Sep 2023 22:45

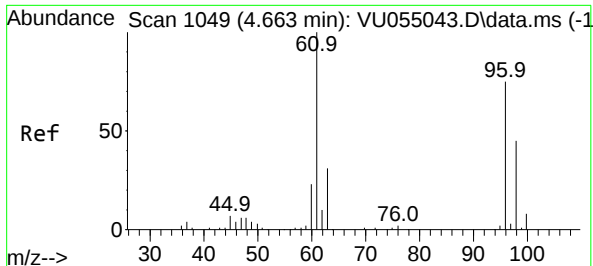
Tgt Ion: 43 Resp: 148166

Ion Ratio Lower Upper

43 100

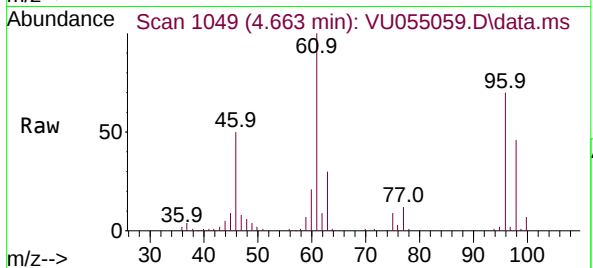
72 27.5 13.5 40.5



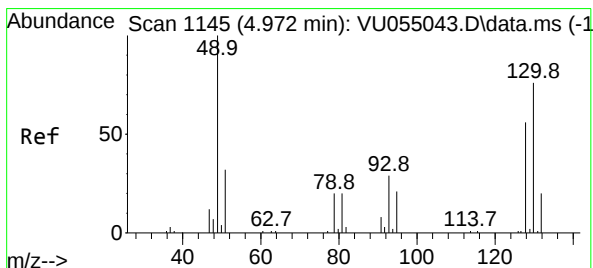
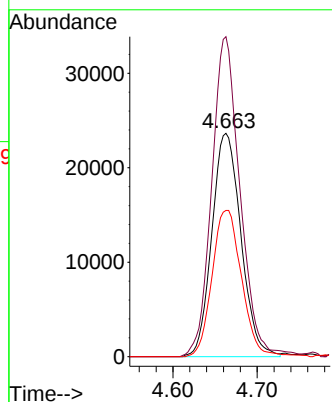
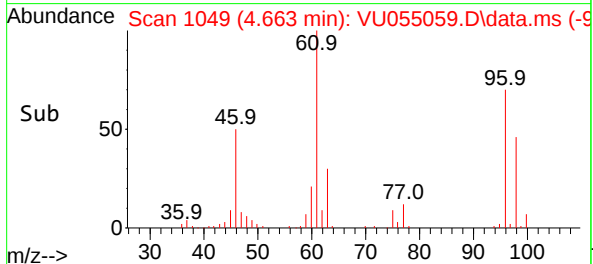


#22
cis-1,2-Dichloroethene
Concen: 5.208 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

Instrument :
MSVOA_U
ClientSampleId :

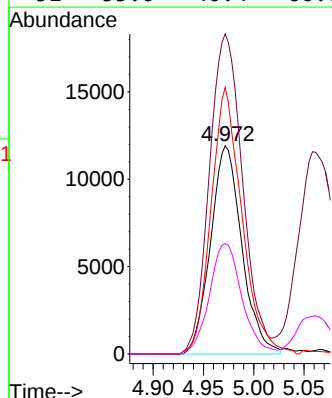
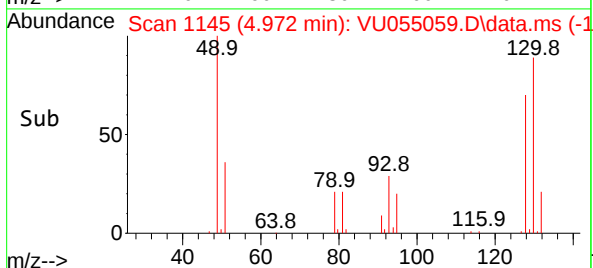
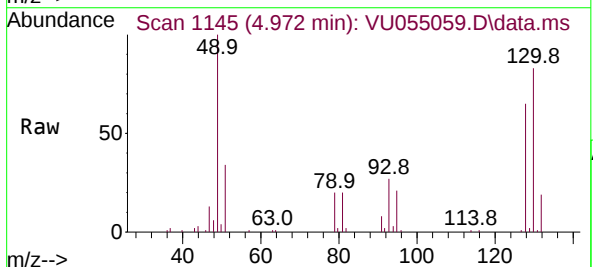


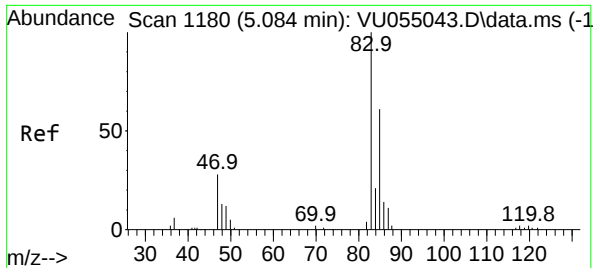
Tgt Ion: 96 Resp: 56678
Ion Ratio Lower Upper
96 100
61 143.2 97.2 180.4
98 65.5 46.1 85.7



#23
Bromochloromethane
Concen: 5.765 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

Tgt Ion: 128 Resp: 25801
Ion Ratio Lower Upper
128 100
49 160.0 118.9 220.9
130 128.0 88.0 163.4
51 53.0 40.4 60.6





#25

Chloroform

Concen: 5.525 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055059.D

Acq: 01 Sep 2023 22:45

Instrument :

MSVOA_U

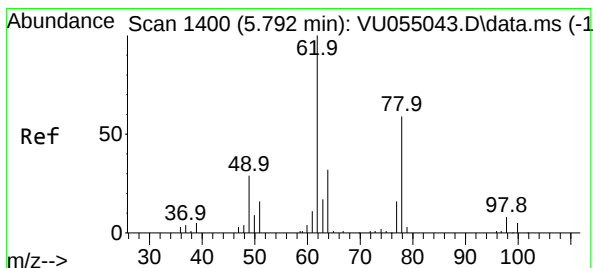
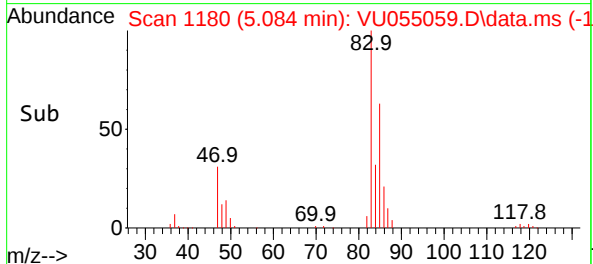
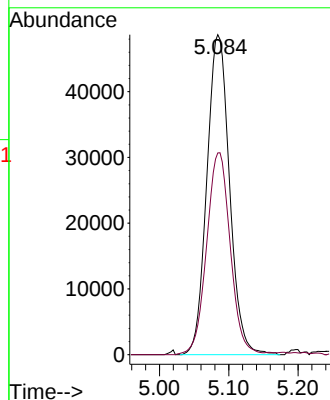
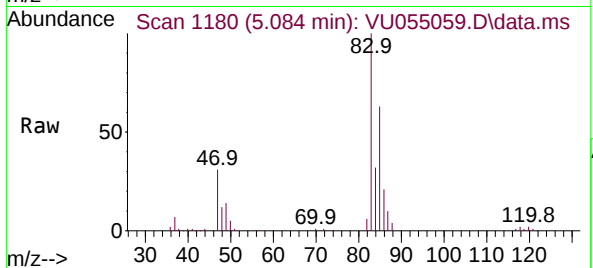
ClientSampleId :

Tgt Ion: 83 Resp: 110564

Ion Ratio Lower Upper

83 100

85 63.1 47.2 87.6



#27

1,2-Dichloroethane

Concen: 5.519 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU055059.D

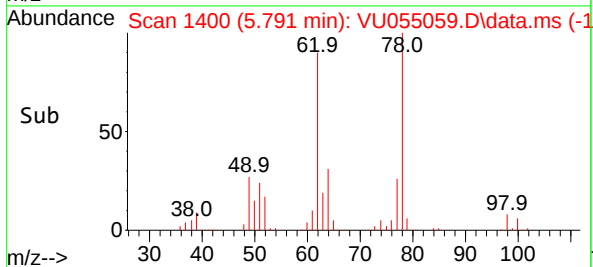
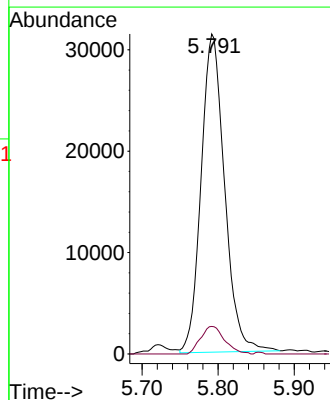
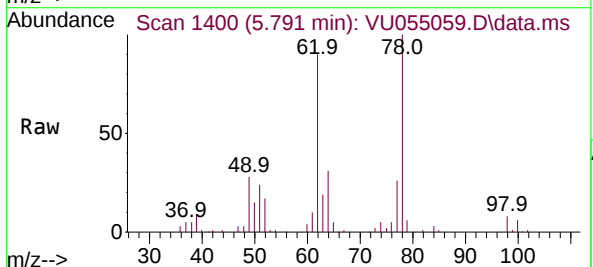
Acq: 01 Sep 2023 22:45

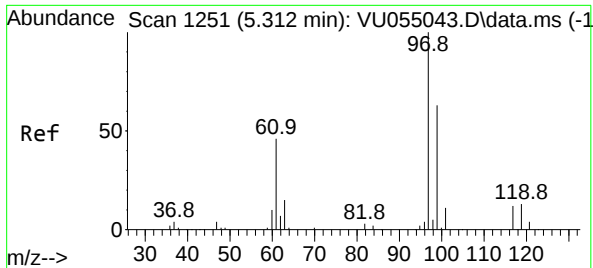
Tgt Ion: 62 Resp: 67408

Ion Ratio Lower Upper

62 100

98 8.6 6.9 10.3

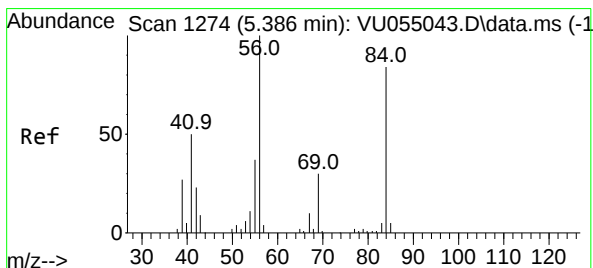
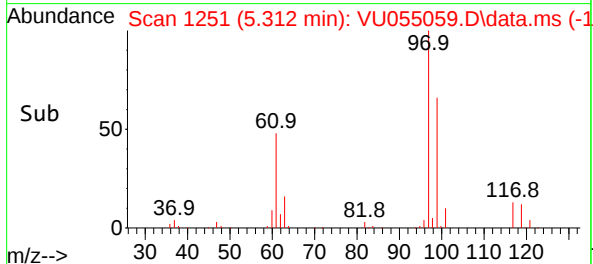
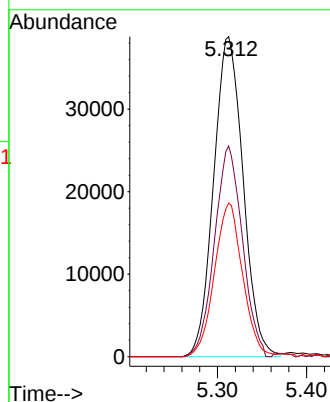
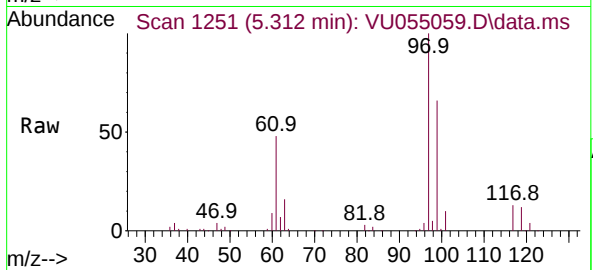




#29
1,1,1-Trichloroethane
Concen: 5.227 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

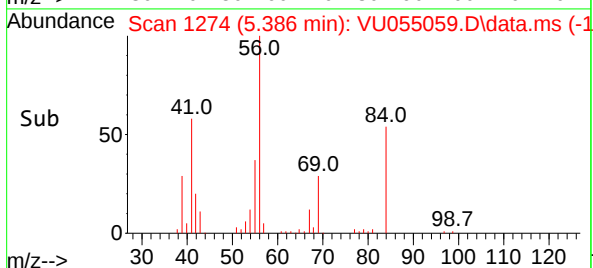
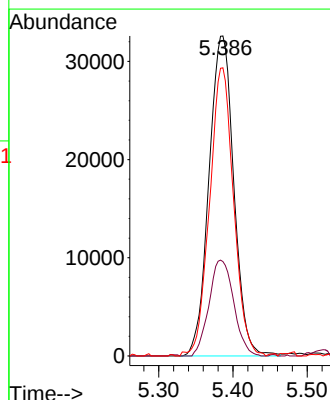
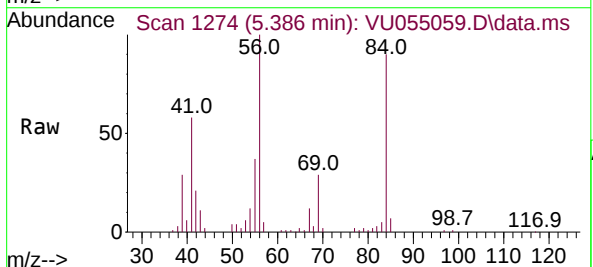
Instrument :
MSVOA_U
ClientSampleId :

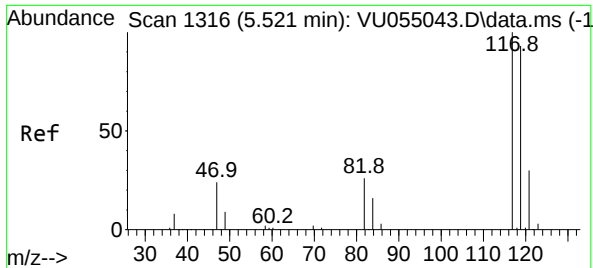
Tgt Ion: 97 Resp: 89067
Ion Ratio Lower Upper
97 100
99 62.4 51.8 77.8
61 45.8 36.8 55.2



#30
Cyclohexane
Concen: 5.001 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

Tgt Ion: 56 Resp: 75780
Ion Ratio Lower Upper
56 100
69 29.8 24.6 37.0
84 86.8 68.8 103.2

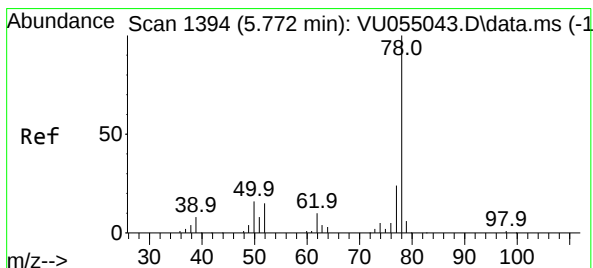
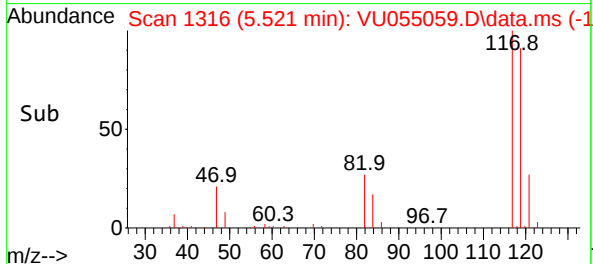
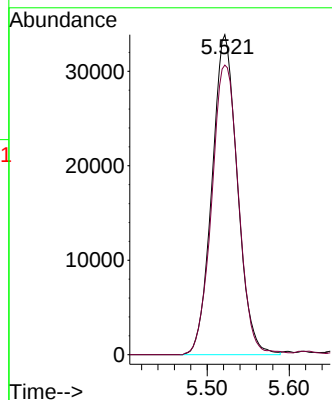
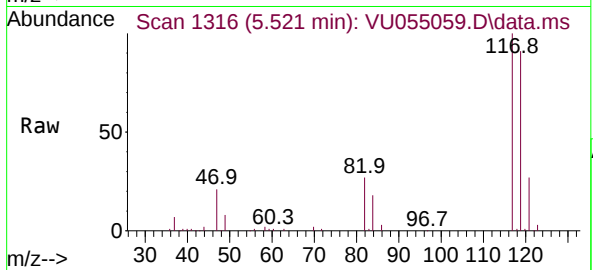




#31
Carbon tetrachloride
Concen: 5.153 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

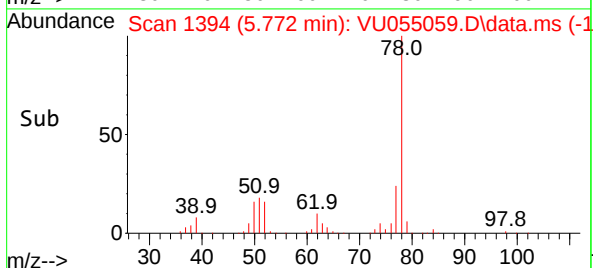
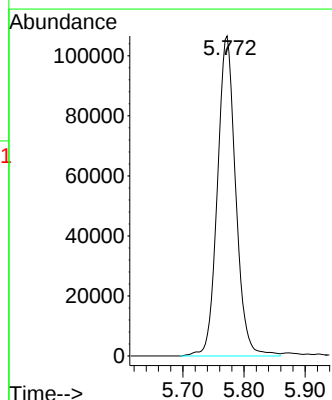
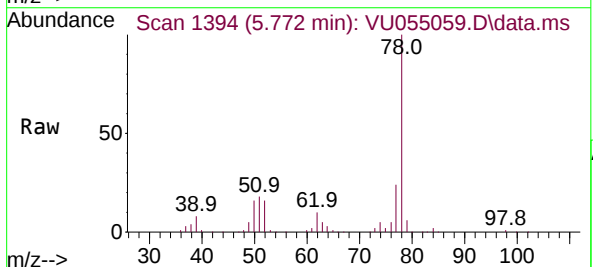
Instrument :
MSVOA_U
ClientSampleId :

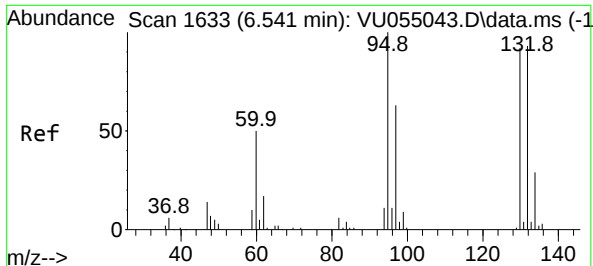
Tgt Ion:117 Resp: 73016
Ion Ratio Lower Upper
117 100
119 95.5 75.4 113.0



#33
Benzene
Concen: 5.286 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

Tgt Ion: 78 Resp: 221595





#34

Trichloroethene

Concen: 5.218 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

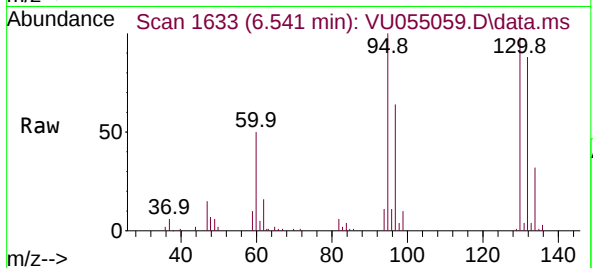
Lab File: VU055059.D

Acq: 01 Sep 2023 22:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 60795

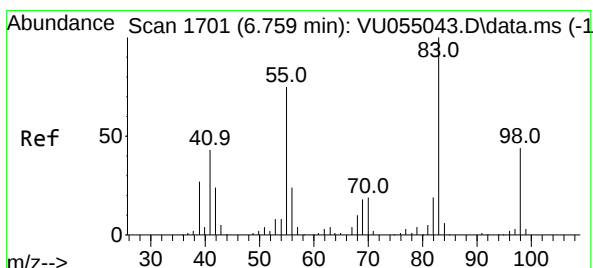
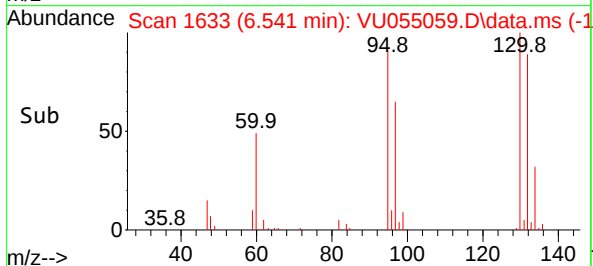
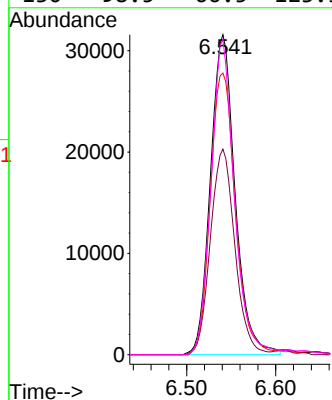
Ion Ratio Lower Upper

95 100

97 64.2 44.7 83.1

132 88.0 66.6 123.6

130 98.5 66.5 123.5



#35

Methylcyclohexane

Concen: 4.856 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU055059.D

Acq: 01 Sep 2023 22:45

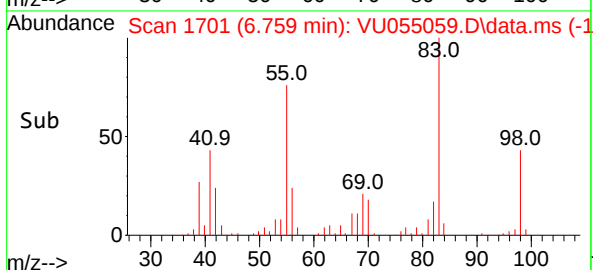
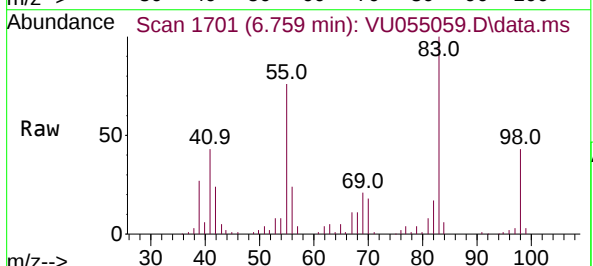
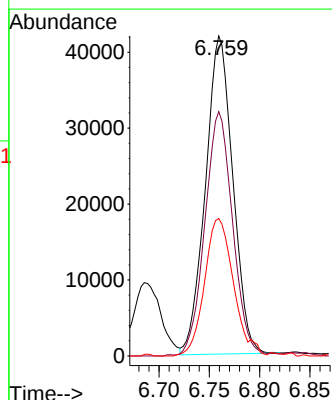
Tgt Ion: 83 Resp: 79385

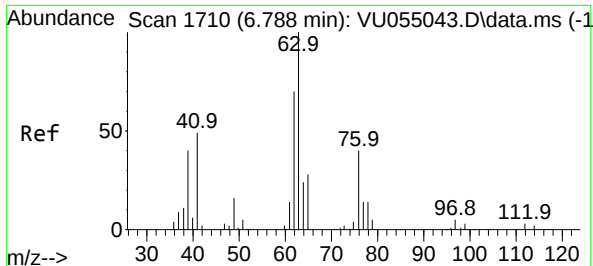
Ion Ratio Lower Upper

83 100

55 78.2 60.4 90.6

98 45.6 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.444 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055059.D

Acq: 01 Sep 2023 22:45

Instrument :

MSVOA_U

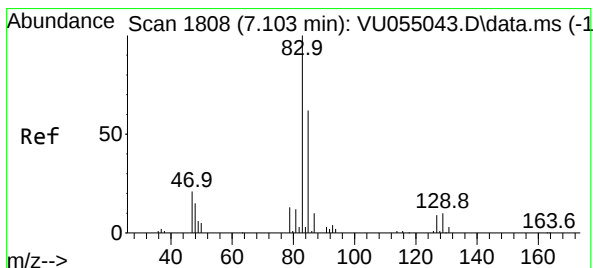
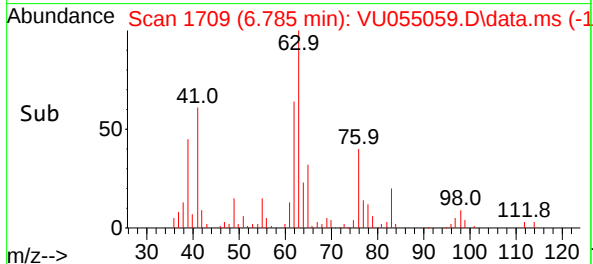
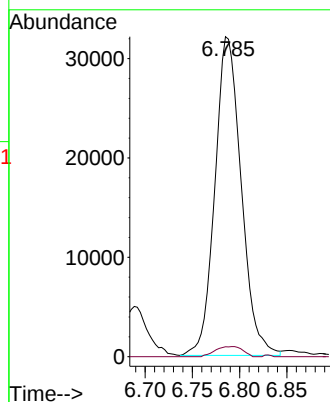
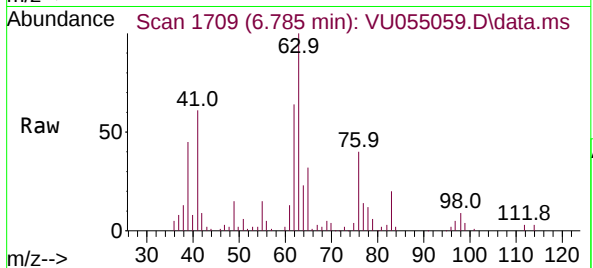
ClientSampleId :

Tgt Ion: 63 Resp: 62140

Ion Ratio Lower Upper

63 100

112 3.3 3.2 4.8



#38

Bromodichloromethane

Concen: 5.314 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VU055059.D

Acq: 01 Sep 2023 22:45

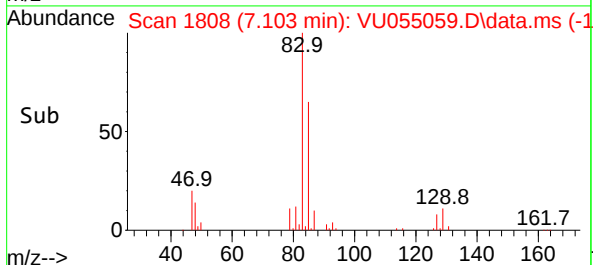
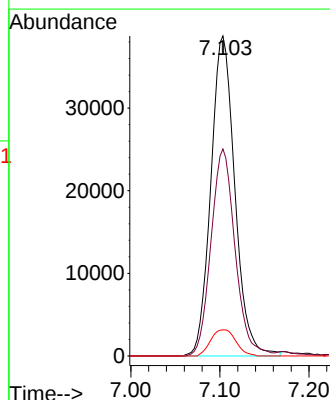
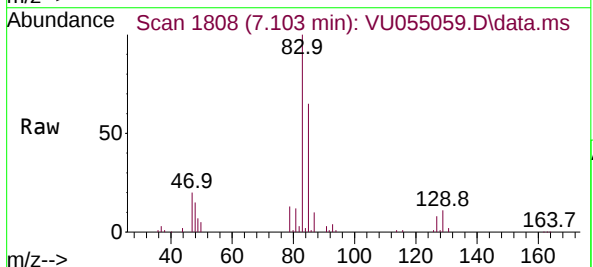
Tgt Ion: 83 Resp: 72417

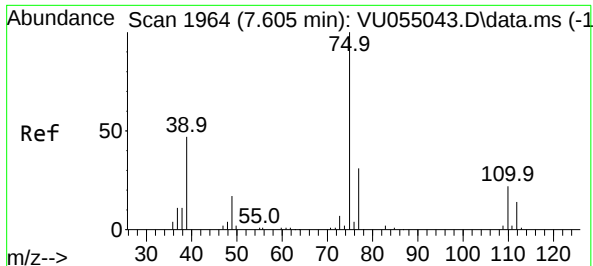
Ion Ratio Lower Upper

83 100

85 64.7 44.9 83.5

127 8.2 7.8 11.8

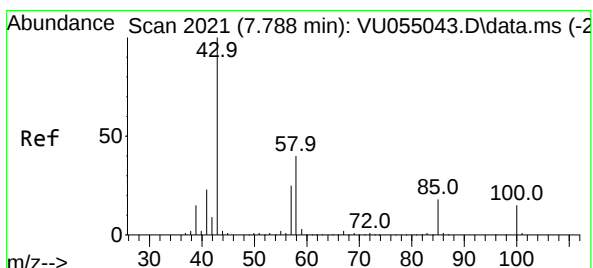
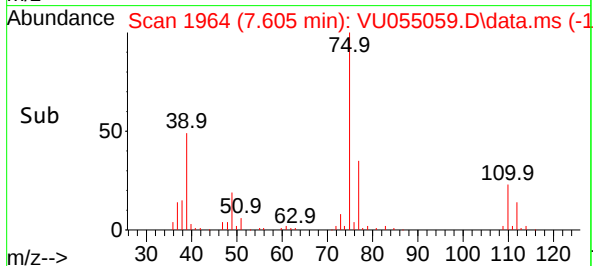
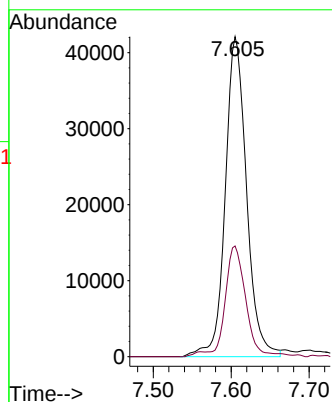
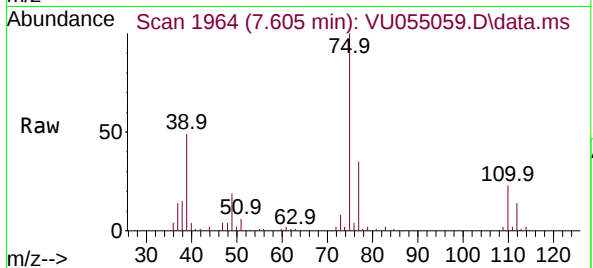




#39
 cis-1,3-Dichloropropene
 Concen: 5.145 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU055059.D
 Acq: 01 Sep 2023 22:45

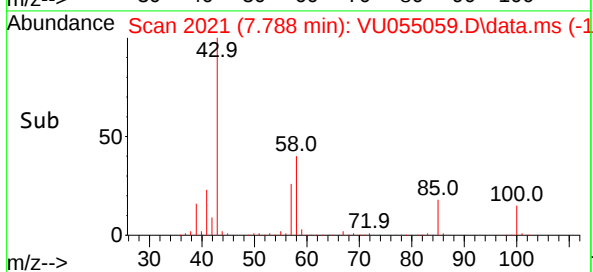
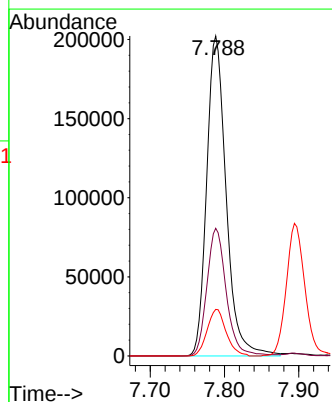
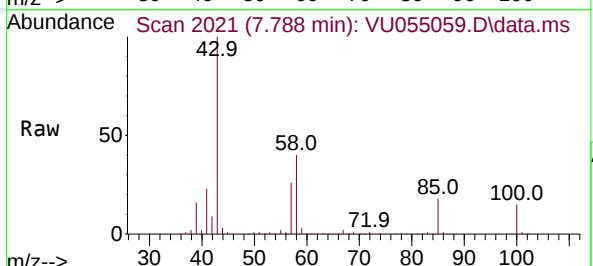
Instrument :
 MSVOA_U
 ClientSampleId :

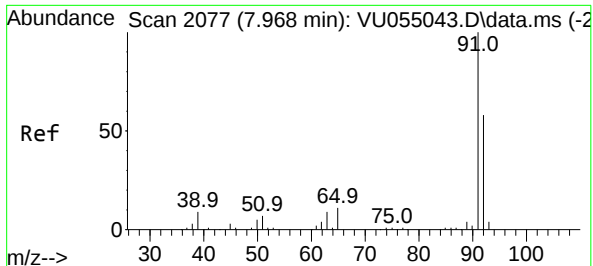
Tgt Ion: 75 Resp: 79872
 Ion Ratio Lower Upper
 75 100
 77 34.6 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 56.538 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. -0.000 min
 Lab File: VU055059.D
 Acq: 01 Sep 2023 22:45

Tgt Ion: 43 Resp: 368112
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.5 47.3
 100 14.2 11.8 17.8





#42

Toluene

Concen: 5.204 ug/L

RT: 7.965 min Scan# 2077

Delta R.T. -0.003 min

Lab File: VU055059.D

Acq: 01 Sep 2023 22:45

Instrument :

MSVOA_U

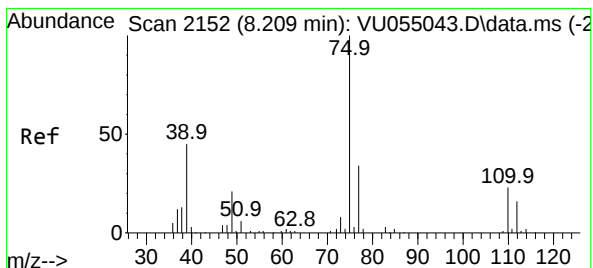
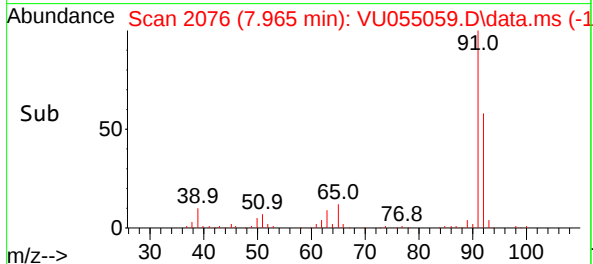
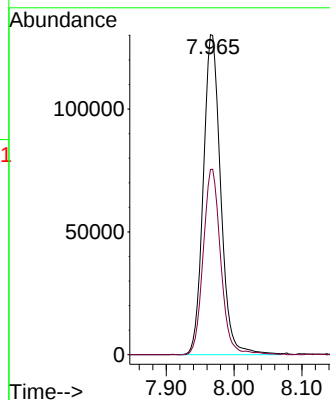
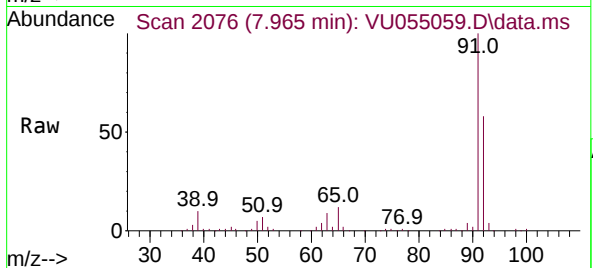
ClientSampleId :

Tgt Ion: 91 Resp: 232573

Ion Ratio Lower Upper

91 100

92 57.8 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 5.368 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VU055059.D

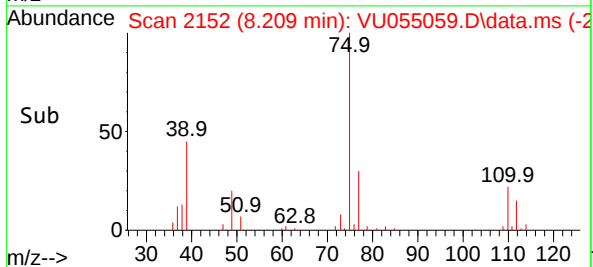
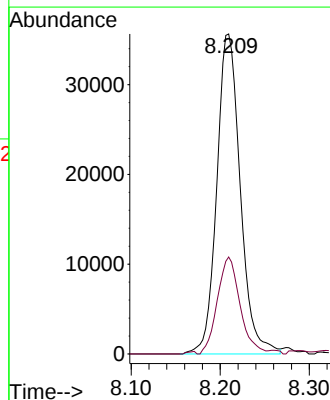
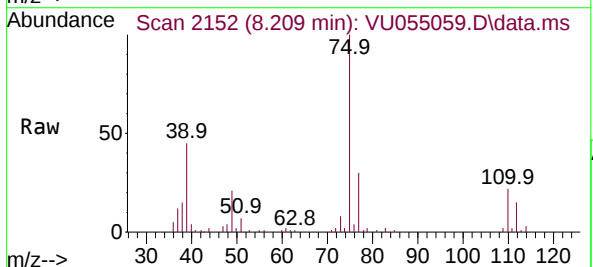
Acq: 01 Sep 2023 22:45

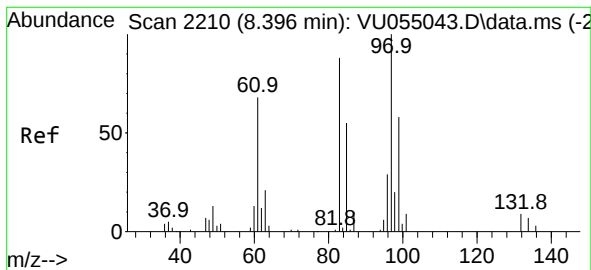
Tgt Ion: 75 Resp: 65410

Ion Ratio Lower Upper

75 100

77 30.3 20.5 38.1





#45

1,1,2-Trichloroethane

Concen: 5.806 ug/L

RT: 8.399 min Scan# 2211

Delta R.T. 0.003 min

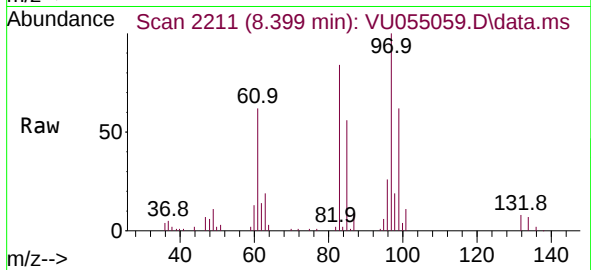
Lab File: VU055059.D

Acq: 01 Sep 2023 22:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 44637

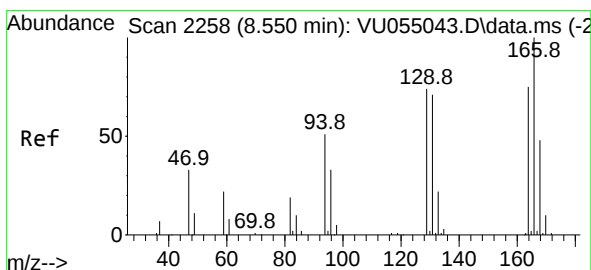
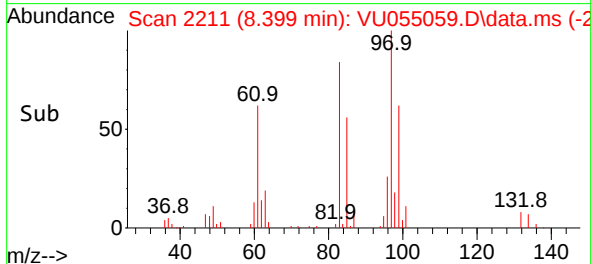
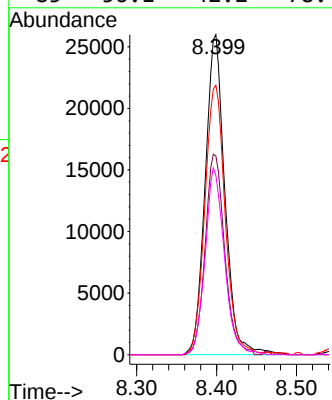
Ion Ratio Lower Upper

97 100

99 62.1 44.9 83.5

83 84.2 66.9 124.3

85 56.1 42.2 78.4



#47

Tetrachloroethene

Concen: 5.245 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU055059.D

Acq: 01 Sep 2023 22:45

Tgt Ion: 164 Resp: 42235

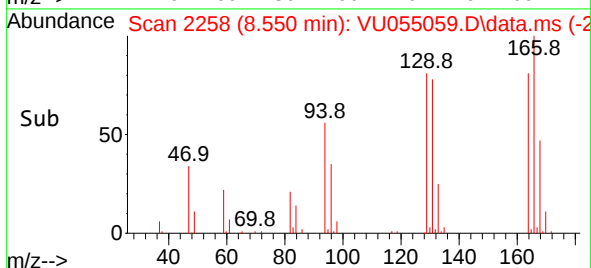
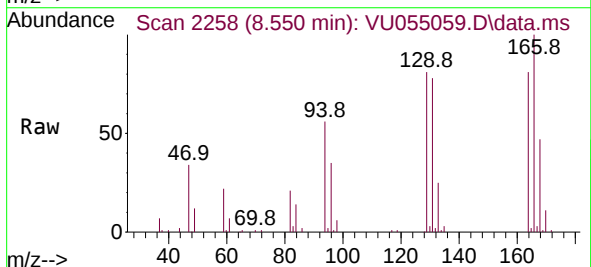
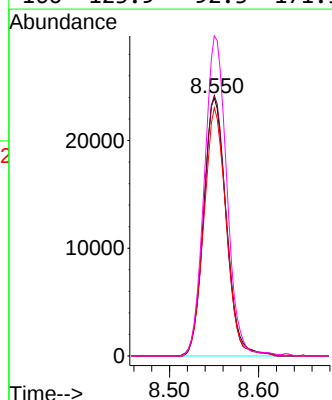
Ion Ratio Lower Upper

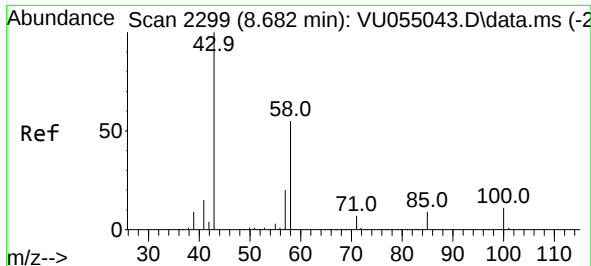
164 100

129 100.9 69.2 128.6

131 96.1 68.8 127.8

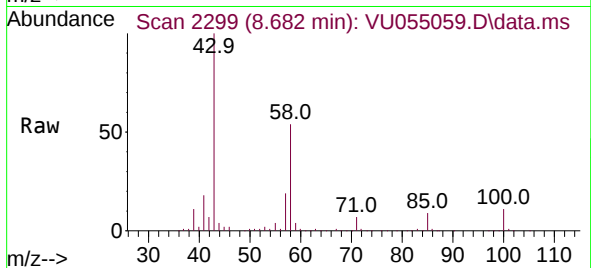
166 123.9 92.3 171.5



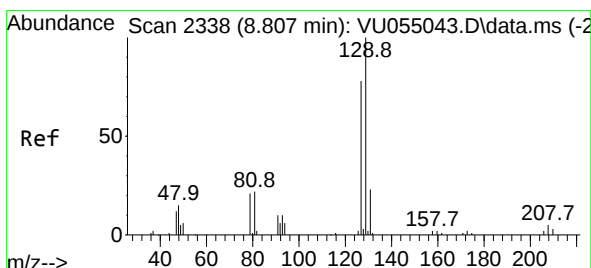
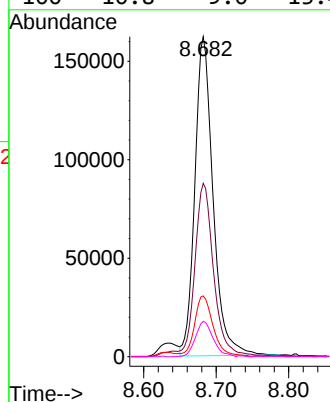
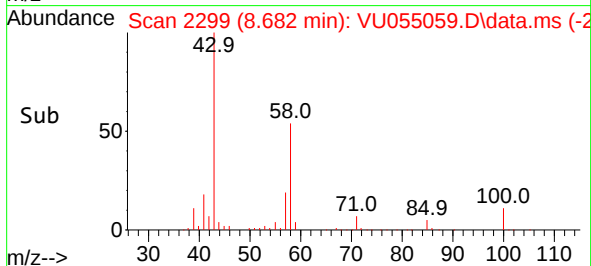


#48
2-Hexanone
Concen: 55.541 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

Instrument :
MSVOA_U
ClientSampleId :

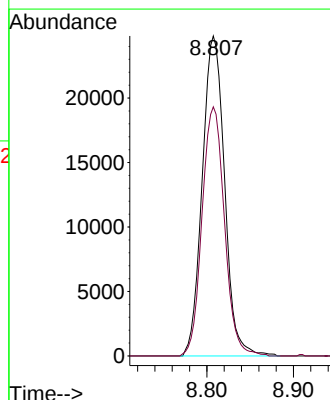
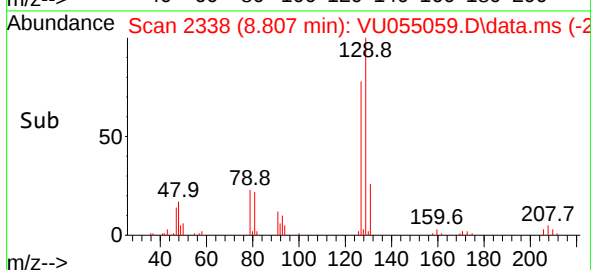
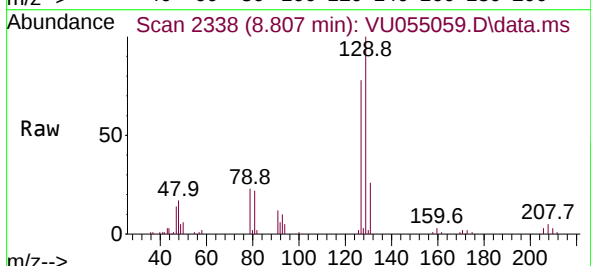


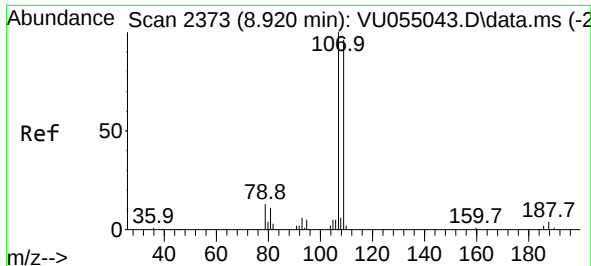
Tgt Ion: 43 Resp: 283249
Ion Ratio Lower Upper
43 100
58 54.5 44.0 66.0
57 19.7 16.2 24.2
100 10.8 9.0 13.4



#49
Dibromochloromethane
Concen: 5.299 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

Tgt Ion: 129 Resp: 44473
Ion Ratio Lower Upper
129 100
127 77.9 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.833 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

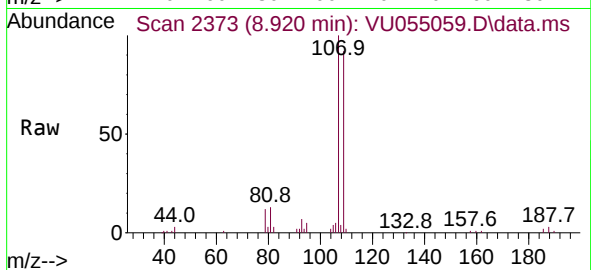
Lab File: VU055059.D

Acq: 01 Sep 2023 22:45

Instrument :

MSVOA_U

ClientSampleId :



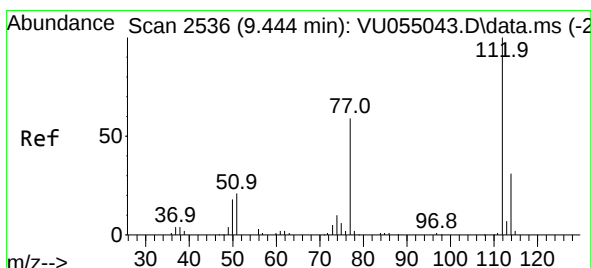
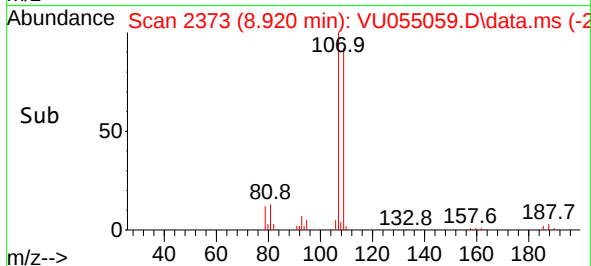
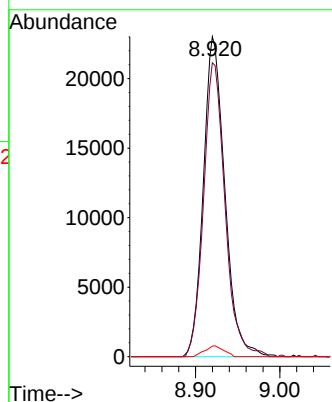
Tgt Ion:107 Resp: 40833

Ion Ratio Lower Upper

107 100

109 91.8 71.4 132.6

188 3.3 3.1 4.7



#51

Chlorobenzene

Concen: 5.080 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU055059.D

Acq: 01 Sep 2023 22:45

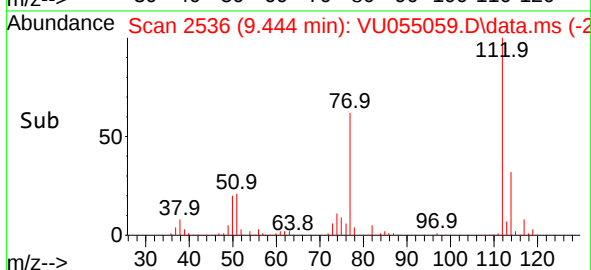
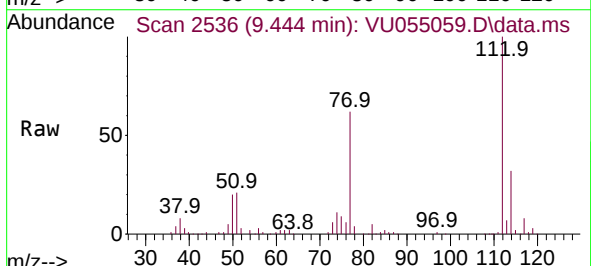
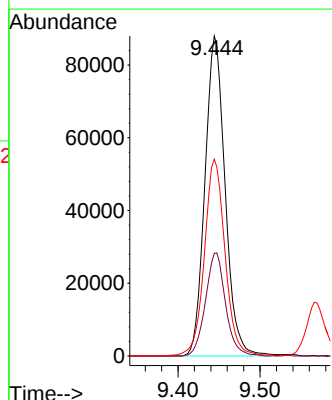
Tgt Ion:112 Resp: 150379

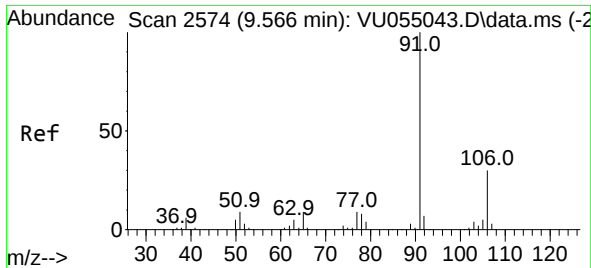
Ion Ratio Lower Upper

112 100

114 32.0 21.7 40.3

77 61.5 48.6 72.8

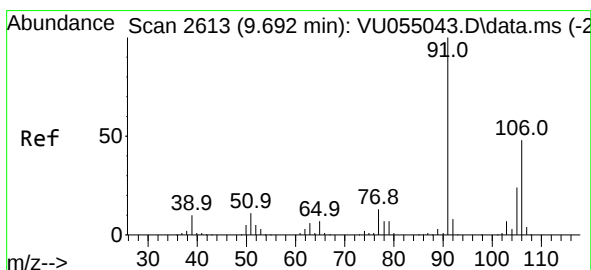
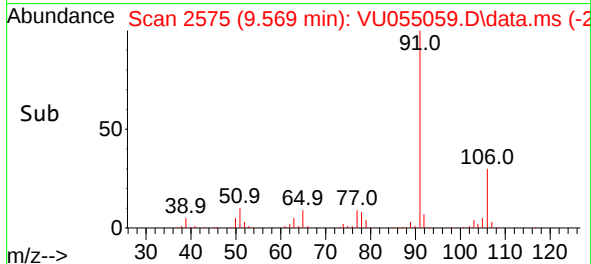
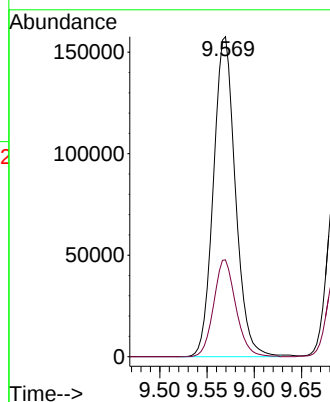
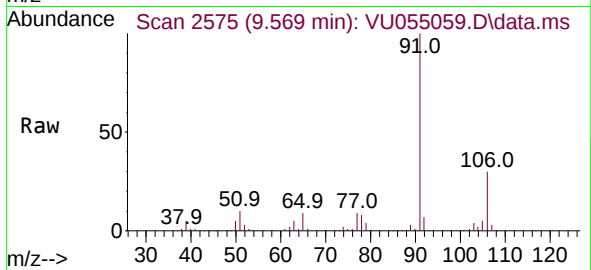




#52
Ethylbenzene
Concen: 5.093 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

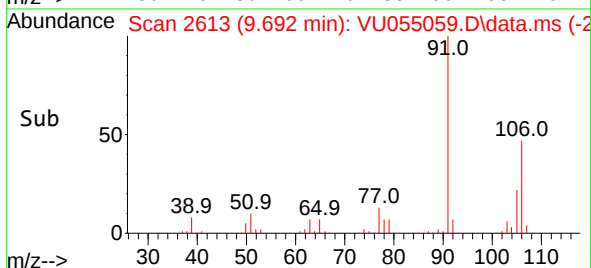
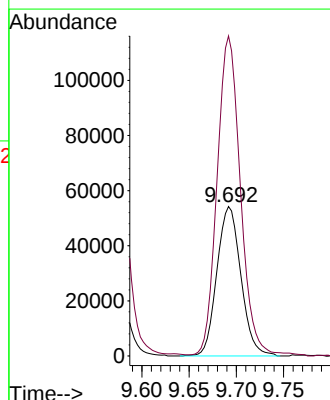
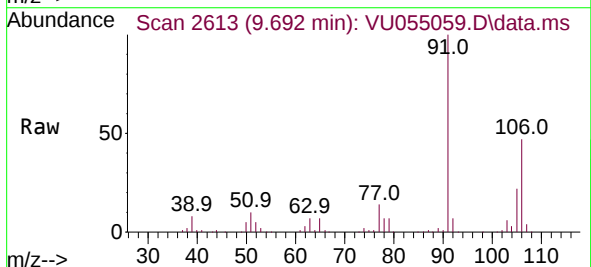
Instrument :
MSVOA_U
ClientSampleId :

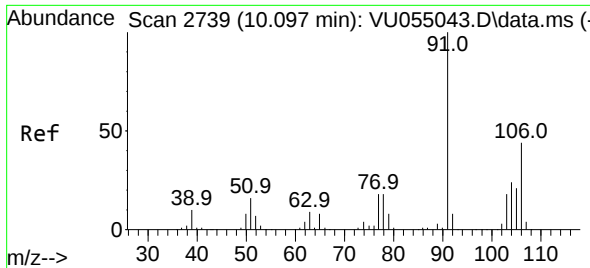
Tgt Ion: 91 Resp: 254666
Ion Ratio Lower Upper
91 100
106 30.3 21.5 39.9



#53
m,p-Xylene
Concen: 5.175 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

Tgt Ion:106 Resp: 95744
Ion Ratio Lower Upper
106 100
91 214.1 148.3 275.5

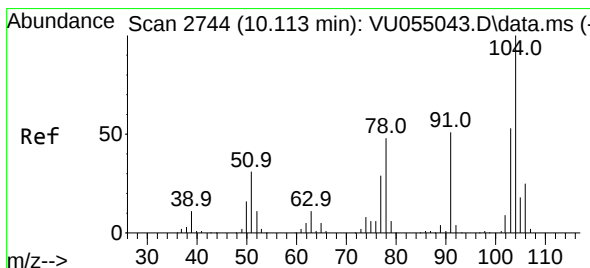
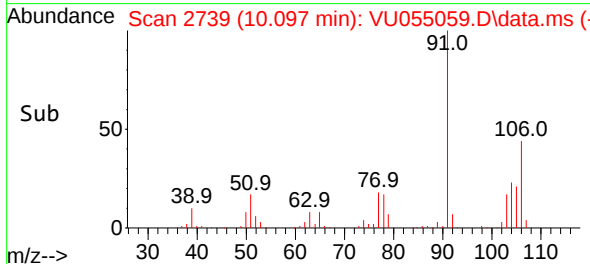
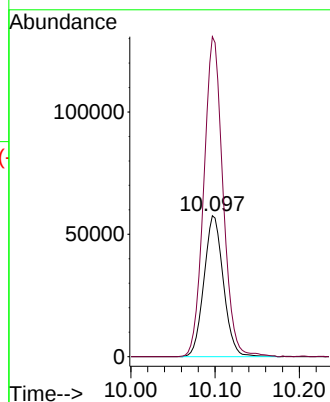
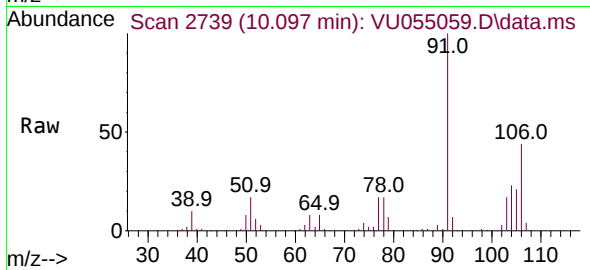




#54
o-Xylene
Concen: 5.080 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

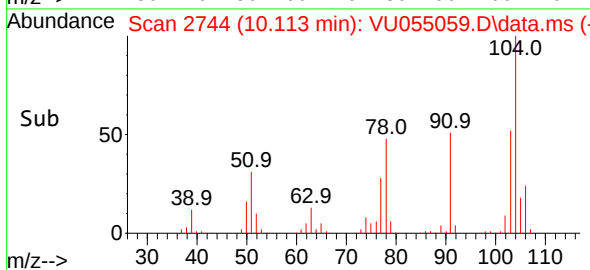
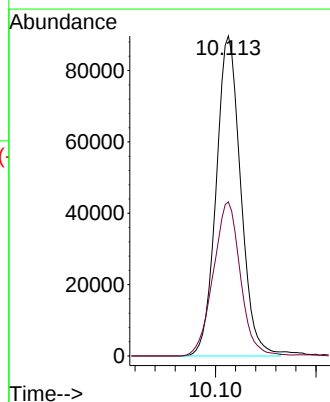
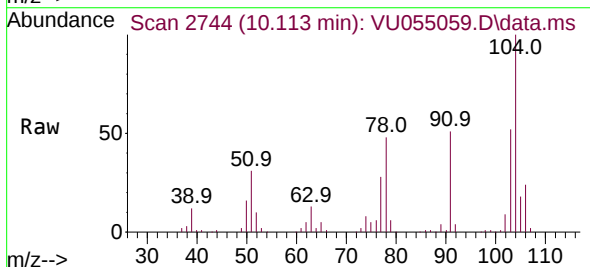
Instrument :
MSVOA_U
ClientSampleId :

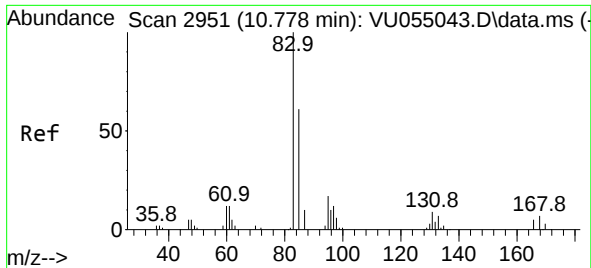
Tgt Ion:106 Resp: 92485
Ion Ratio Lower Upper
106 100
91 227.0 152.9 284.1



#55
Styrene
Concen: 5.050 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

Tgt Ion:104 Resp: 151839
Ion Ratio Lower Upper
104 100
78 48.1 32.8 61.0

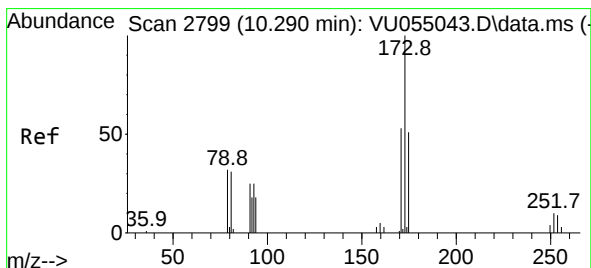
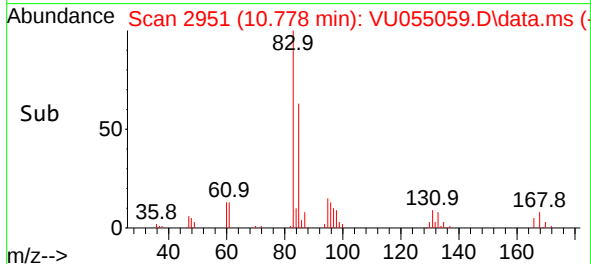
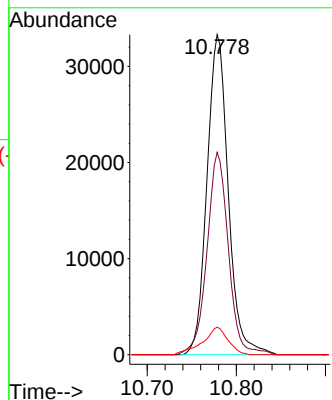
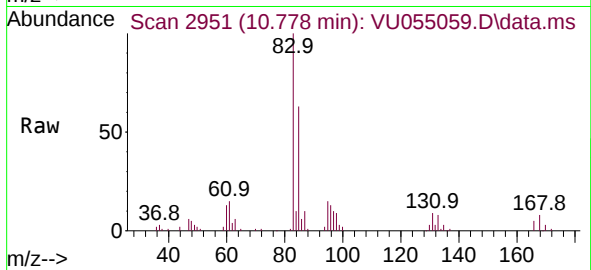




#57
1,1,2,2-Tetrachloroethane
Concen: 5.763 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

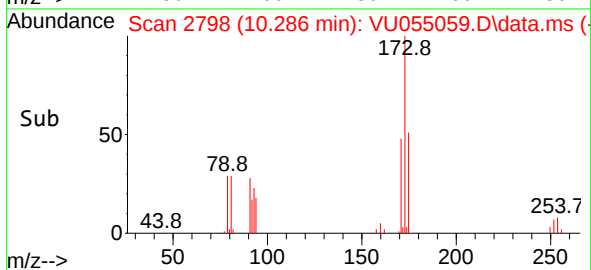
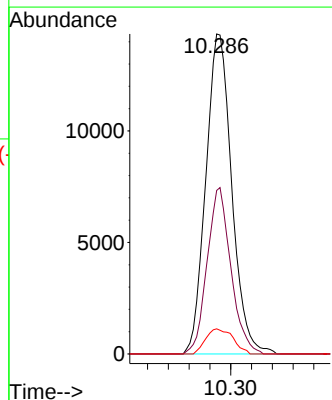
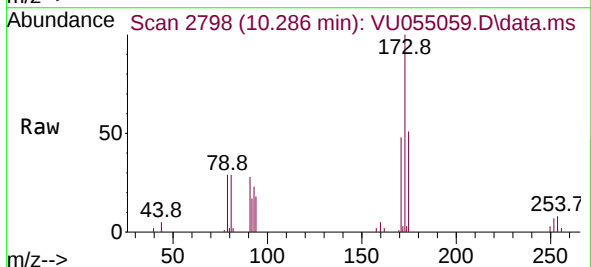
Instrument :
MSVOA_U
ClientSampleId :

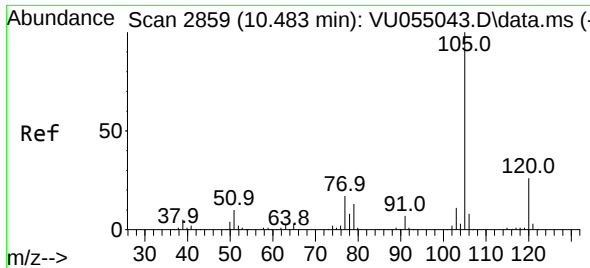
Tgt Ion:	83	Resp:	55189
Ion	Ratio	Lower	Upper
83	100		
85	63.2	42.4	78.6
131	8.6	7.6	11.4



#59
Bromoform
Concen: 5.595 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.003 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

Tgt Ion:	173	Resp:	24846
Ion	Ratio	Lower	Upper
173	100		
175	47.6	40.9	61.3
254	8.3	7.0	10.4

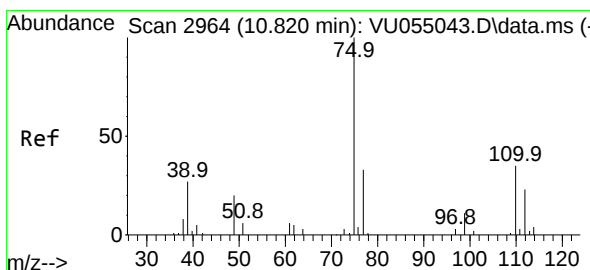
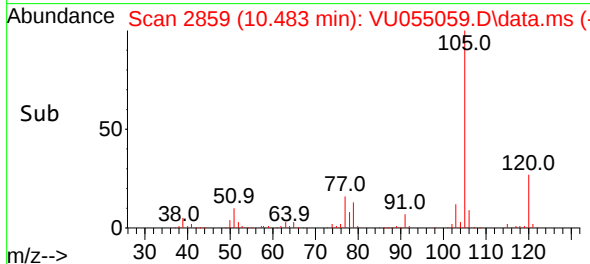
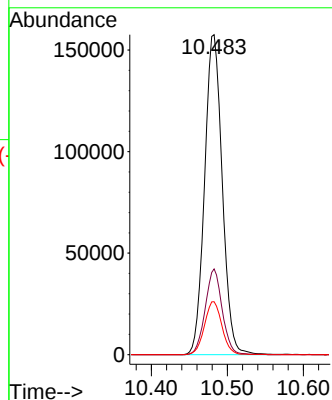
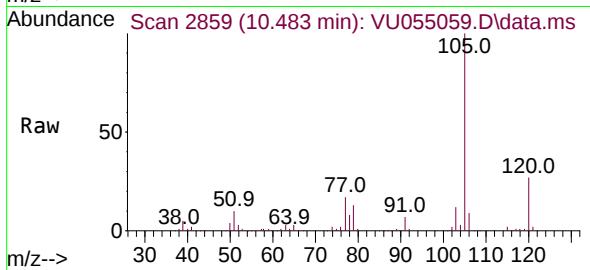




#60
Isopropylbenzene
Concen: 4.906 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

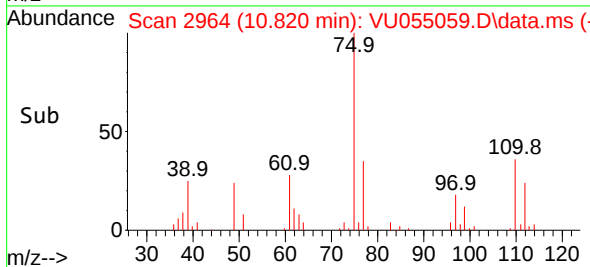
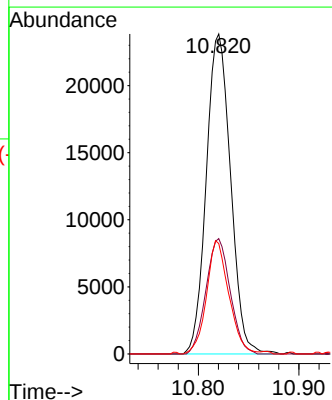
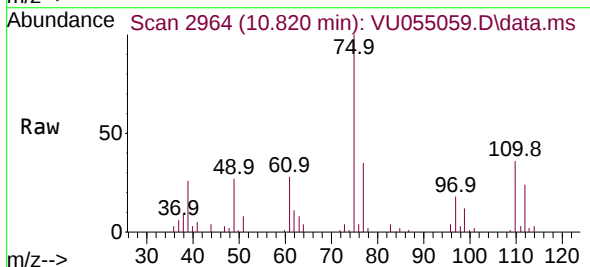
Instrument :
MSVOA_U
ClientSampleId :

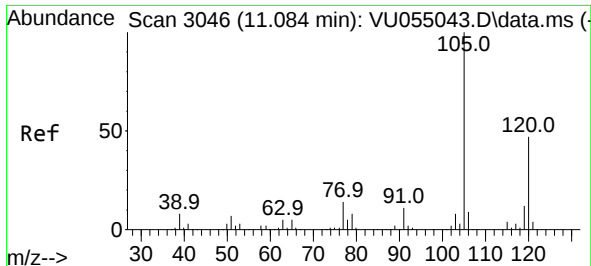
Tgt Ion:105 Resp: 254273
Ion Ratio Lower Upper
105 100
120 25.8 20.1 30.1
77 16.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.428 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

Tgt Ion: 75 Resp: 40039
Ion Ratio Lower Upper
75 100
110 35.9 28.2 42.2
77 32.7 26.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 4.844 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU055059.D

Acq: 01 Sep 2023 22:45

Instrument :

MSVOA_U

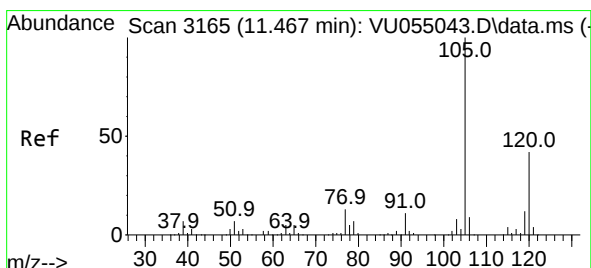
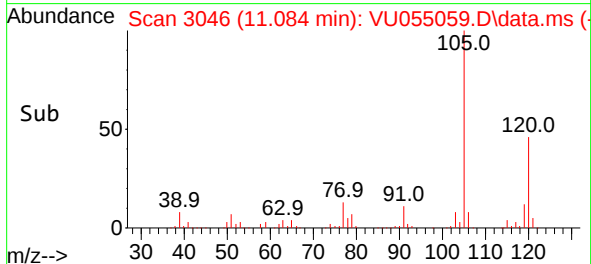
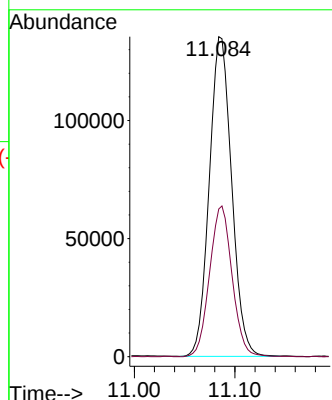
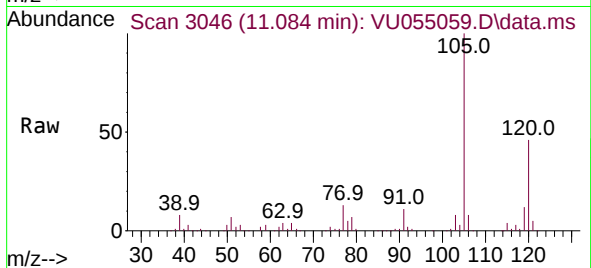
ClientSampleId :

Tgt Ion:105 Resp: 208868

Ion Ratio Lower Upper

105 100

120 47.5 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 4.565 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. -0.000 min

Lab File: VU055059.D

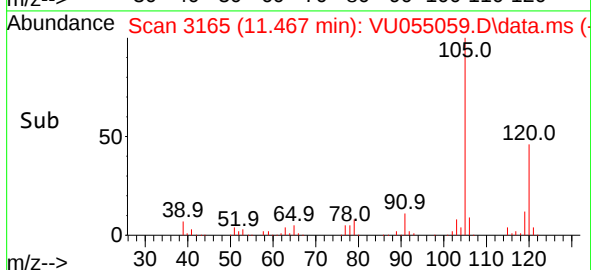
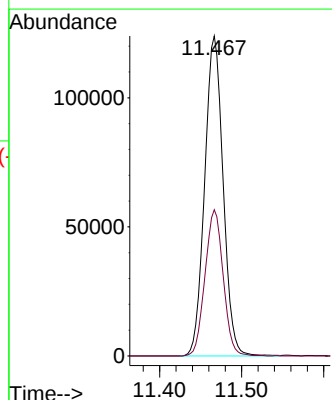
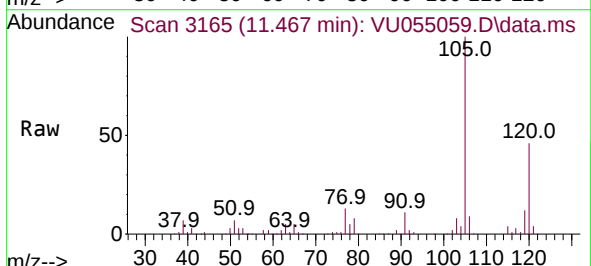
Acq: 01 Sep 2023 22:45

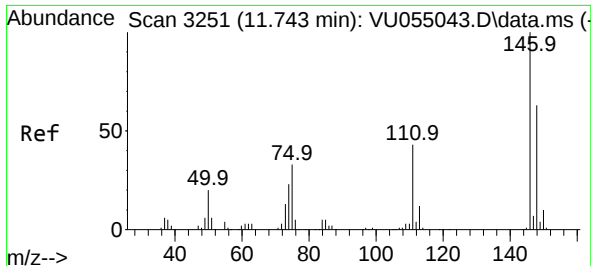
Tgt Ion:105 Resp: 193989

Ion Ratio Lower Upper

105 100

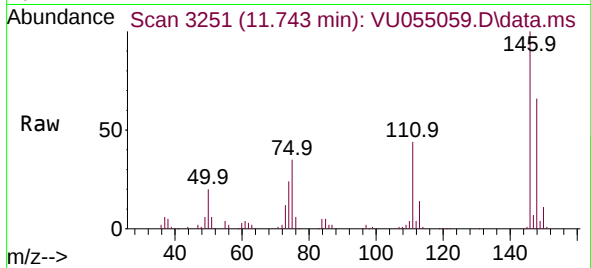
120 44.9 35.4 53.0



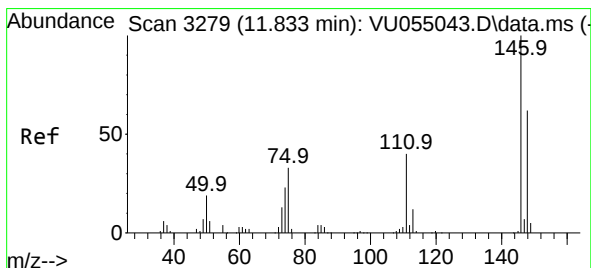
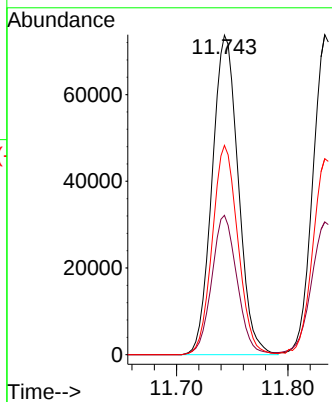
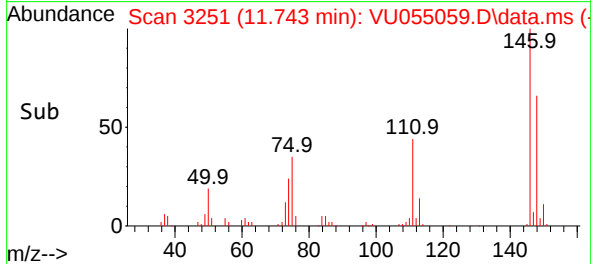


#64
1,3-Dichlorobenzene
Concen: 4.835 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

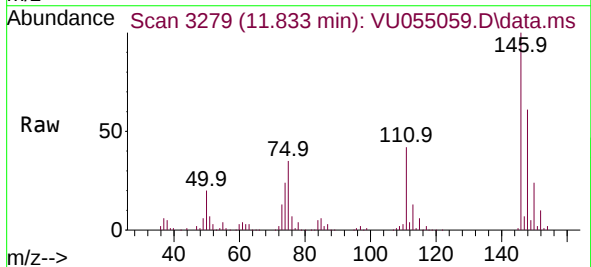
Instrument :
MSVOA_U
ClientSampleId :



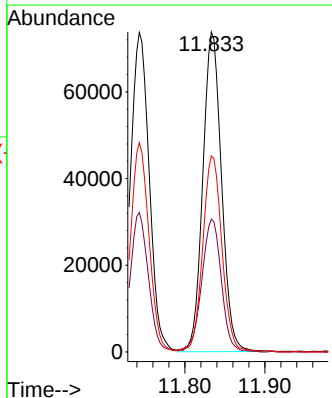
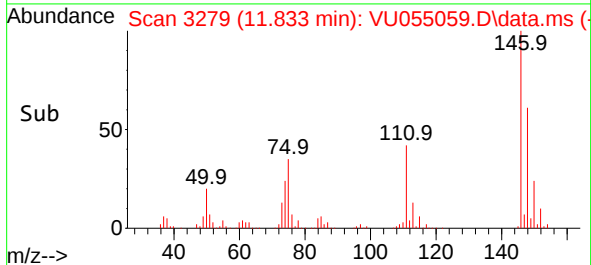
Tgt Ion:146 Resp: 120291
Ion Ratio Lower Upper
146 100
111 43.6 30.0 55.6
148 65.5 45.2 84.0

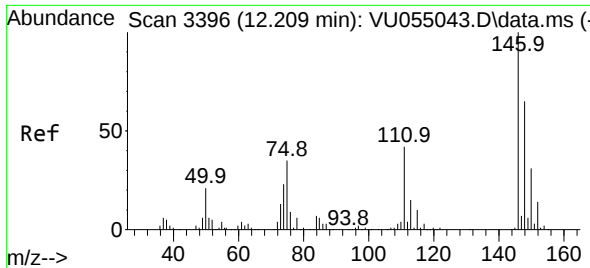


#65
1,4-Dichlorobenzene
Concen: 4.840 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45



Tgt Ion:146 Resp: 120017
Ion Ratio Lower Upper
146 100
111 41.5 28.1 52.1
148 61.2 43.8 81.3

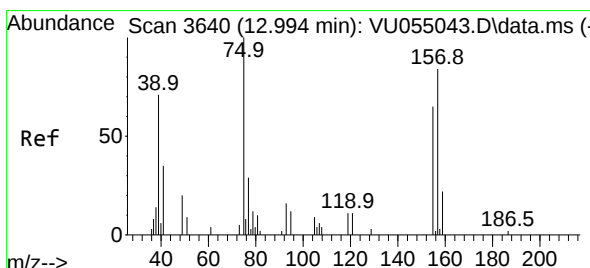
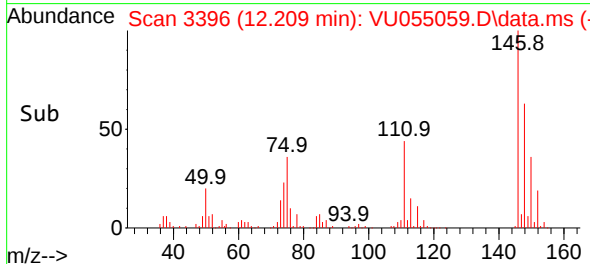
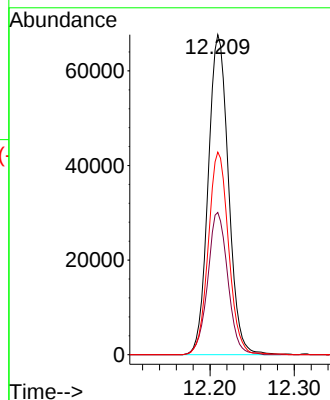
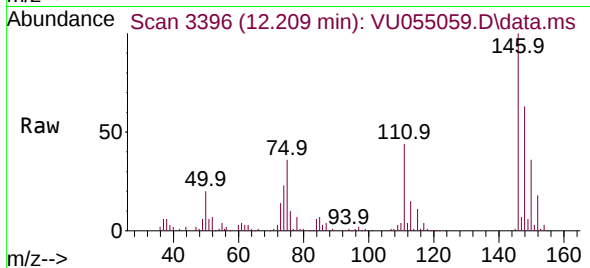




#67
1,2-Dichlorobenzene
Concen: 4.851 ug/L
RT: 12.209 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

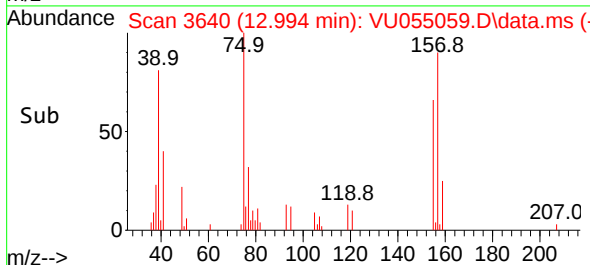
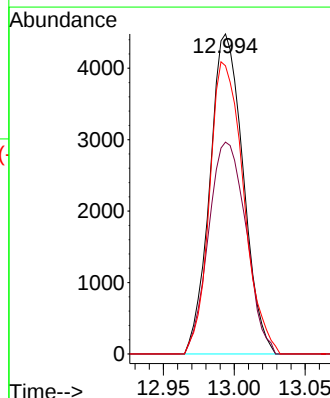
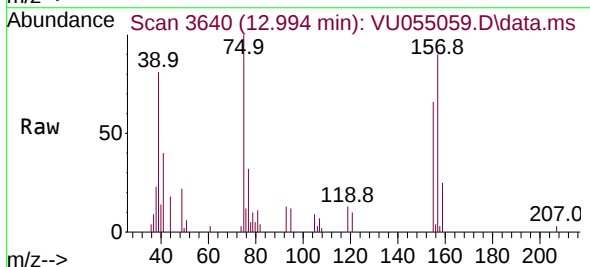
Instrument :
MSVOA_U
ClientSampleId :

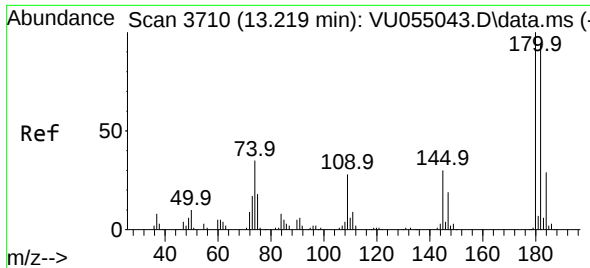
Tgt Ion:146 Resp: 113164
Ion Ratio Lower Upper
146 100
111 44.4 35.6 53.4
148 63.3 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.161 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VU055059.D
Acq: 01 Sep 2023 22:45

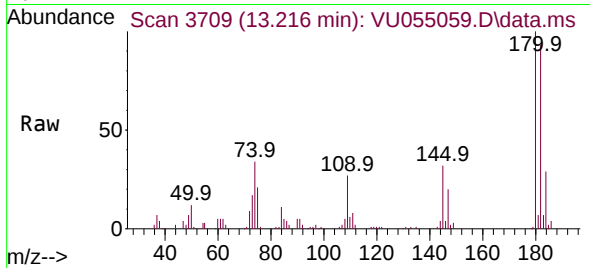
Tgt Ion: 75 Resp: 7333
Ion Ratio Lower Upper
75 100
155 66.2 61.1 91.7
157 90.1 66.8 100.2



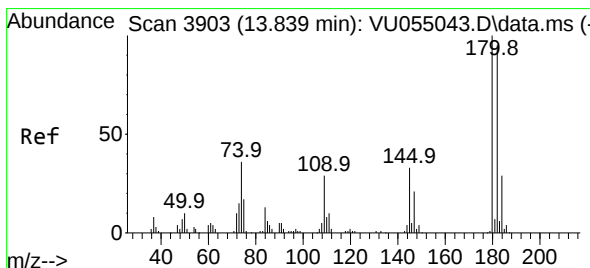
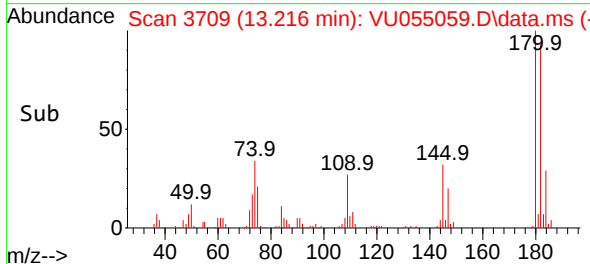
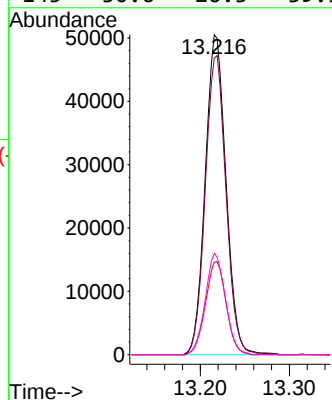


#69
 1,3,5-Trichlorobenzene
 Concen: 4.355 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU055059.D
 Acq: 01 Sep 2023 22:45

Instrument :
 MSVOA_U
 ClientSampleId :

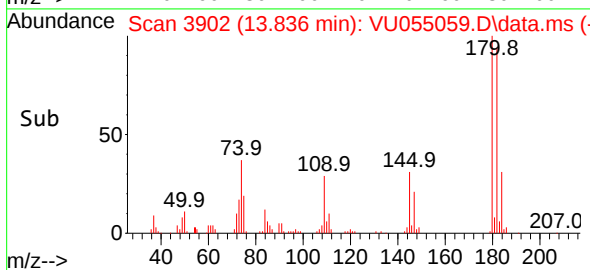
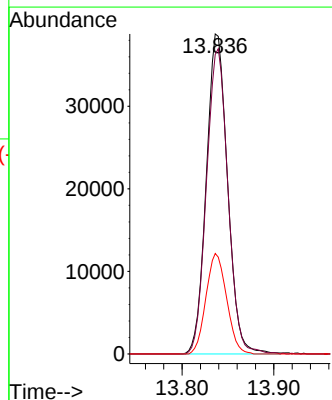
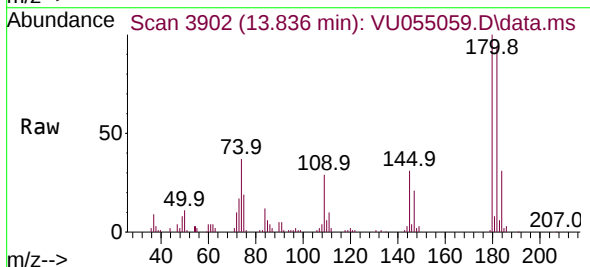


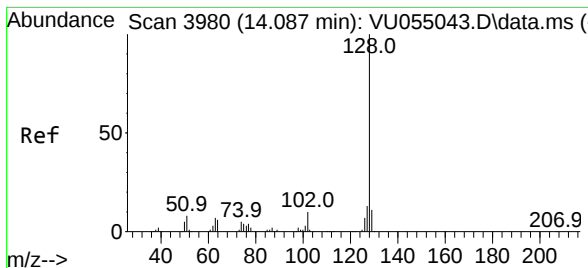
Tgt Ion:180 Resp: 81876
 Ion Ratio Lower Upper
 180 100
 182 93.0 75.8 113.6
 184 28.9 24.0 36.0
 145 30.6 26.3 39.5



#70
 1,2,4-trichlorobenzene
 Concen: 3.555 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.003 min
 Lab File: VU055059.D
 Acq: 01 Sep 2023 22:45

Tgt Ion:180 Resp: 62685
 Ion Ratio Lower Upper
 180 100
 182 95.8 73.6 110.4
 145 30.4 25.8 38.8





#71

Naphthalene

Concen: 2.935 ug/L

RT: 14.084 min Scan# 3980

Delta R.T. -0.003 min

Lab File: VU055059.D

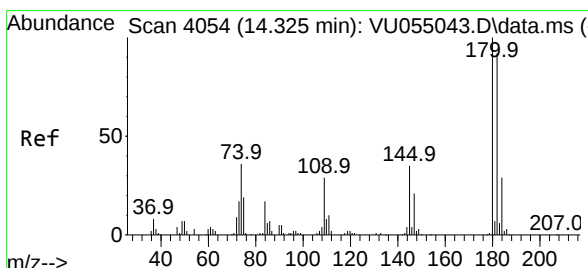
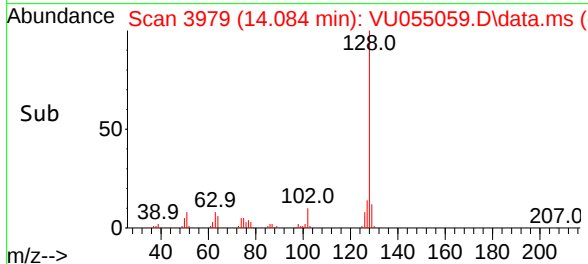
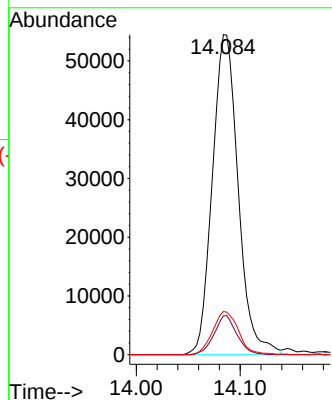
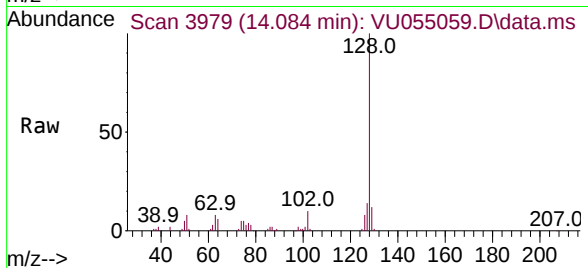
Acq: 01 Sep 2023 22:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	94054
Ion Ratio	Lower	Upper
128	100	
129	10.8	8.2 12.2
127	13.5	10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 3.695 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU055059.D

Acq: 01 Sep 2023 22:45

Tgt Ion:180	Resp:	56543
Ion Ratio	Lower	Upper
180	100	
182	92.9	75.6 113.4
145	35.9	27.0 40.6

