

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058004.D
 Acq On : 08 Mar 2024 08:58
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 00:07:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 07 03:58:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	138829	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	132007	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63669	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45774	4.583	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.907	69	39363	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.560	65	21122	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.608	46	96514	58.643	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.280%
24) Chloroform-d	5.052	84	96561	5.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.692	65	45937	5.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.717	84	189118	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.682	67	58819	5.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.891	98	170468	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.177	79	20851	5.185	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.624	63	78330	58.012	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.020%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39631	5.526	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	52248	4.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	44841	5.331	ug/L	100
3) Chloromethane	1.515	50	52043	5.291	ug/L	100
5) Vinyl chloride	1.599	62	56258	5.318	ug/L	99
6) Bromomethane	1.849	94	29740	5.337	ug/L	94
8) Chloroethane	1.927	64	36059	5.412	ug/L	95
9) Trichlorofluoromethane	2.132	101	80942	5.371	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	50739	5.385	ug/L	97
12) 1,1-Dichloroethene	2.573	96	44403	5.301	ug/L	93
13) Acetone	2.611	43	69891	57.064	ug/L	96
14) Carbon disulfide	2.785	76	131906	5.093	ug/L	99
15) Methyl Acetate	2.943	43	15944	5.866	ug/L	92
16) Methylene chloride	3.036	84	51168	5.026	ug/L	95
17) Methyl tert-butyl Ether	3.351	73	107293	5.416	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	48139	5.276	ug/L	96
19) 1,1-Dichloroethane	3.859	63	100370	5.515	ug/L	97
21) 2-Butanone	4.689	43	108457	56.198	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	52777	5.258	ug/L	96
23) Bromochloromethane	4.965	128	20919	5.613	ug/L	95
25) Chloroform	5.078	83	100673	5.418	ug/L	100

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 Misc : 25.0mL/MSVOA_U/WATER
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 ClientSampleId :

Quant Time: Mar 09 00:07:31 2024
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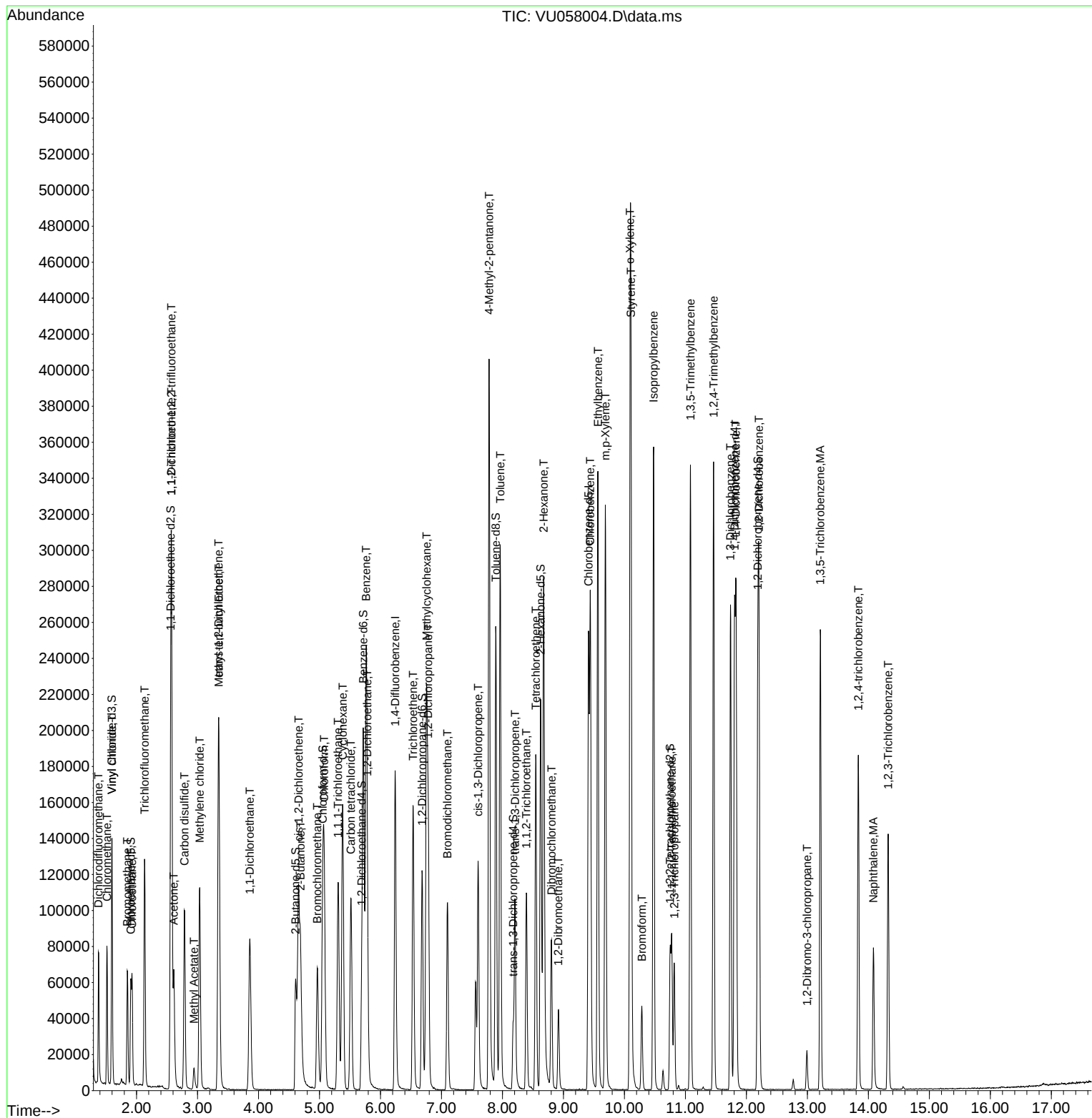
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	57014	5.542	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	84973	5.408	ug/L	99
30) Cyclohexane	5.380	56	80021	5.044	ug/L	99
31) Carbon tetrachloride	5.515	117	73859	5.410	ug/L	99
33) Benzene	5.766	78	214655	5.299	ug/L	100
34) Trichloroethene	6.534	95	56188	5.272	ug/L	96
35) Methylcyclohexane	6.756	83	82478	5.048	ug/L	98
37) 1,2-Dichloropropane	6.782	63	55990	5.360	ug/L	99
38) Bromodichloromethane	7.097	83	69400	5.476	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	77904	5.413	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	270346	56.262	ug/L	99
42) Toluene	7.965	91	222859	5.283	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	61930	5.400	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	33627	5.429	ug/L	97
47) Tetrachloroethene	8.547	164	38347	5.186	ug/L	96
48) 2-Hexanone	8.676	43	195813	55.568	ug/L	98
49) Dibromochloromethane	8.804	129	41579	5.672	ug/L	98
50) 1,2-Dibromoethane	8.917	107	30164	5.488	ug/L	97
51) Chlorobenzene	9.441	112	140322	5.304	ug/L	98
52) Ethylbenzene	9.566	91	247129	5.235	ug/L	100
53) m,p-Xylene	9.688	106	90314	5.355	ug/L	97
54) o-Xylene	10.094	106	88062	5.239	ug/L	100
55) Styrene	10.110	104	143913	5.455	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	41829	5.733	ug/L	100
59) Bromoform	10.286	173	20564	5.791	ug/L	99
60) Isopropylbenzene	10.479	105	225681	5.322	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	29559	5.668	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	190559	5.328	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	192293	5.448	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	102776	5.332	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	100085	5.305	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	91990	5.467	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	5844	5.648	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	73687	5.315	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	53572	5.143	ug/L	99
71) Naphthalene	14.084	128	65606	4.612	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	41390	5.030	ug/L	99

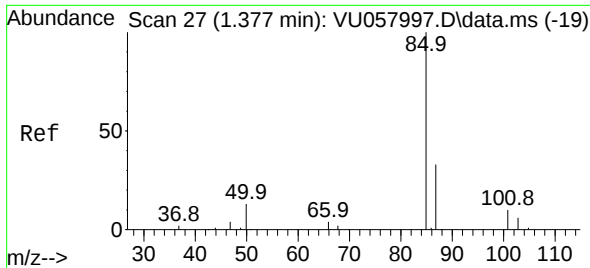
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 Data File : VU058004.D
 Acq On : 08 Mar 2024 08:58
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

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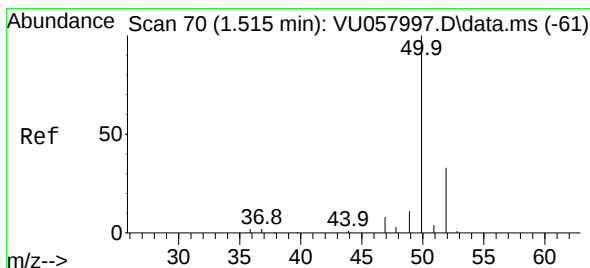
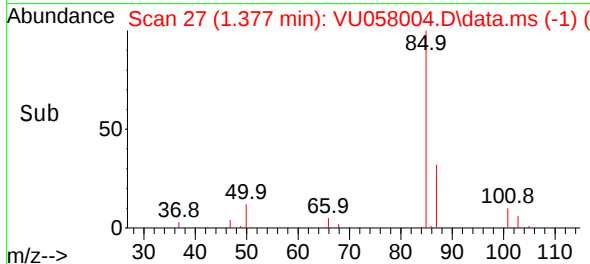
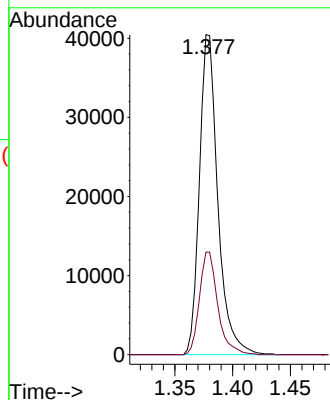
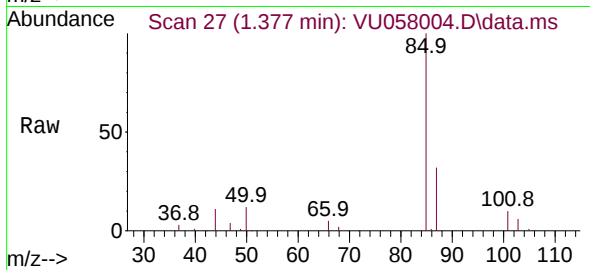




#2
 Dichlorodifluoromethane
 Concen: 5.331 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058004.D
 Acq: 08 Mar 2024 08:58

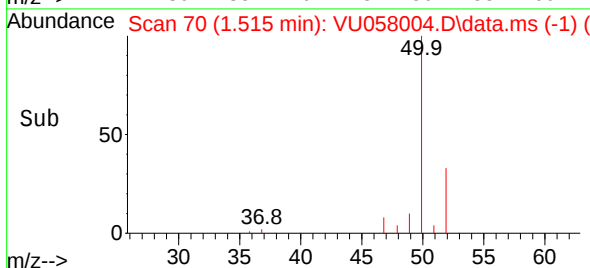
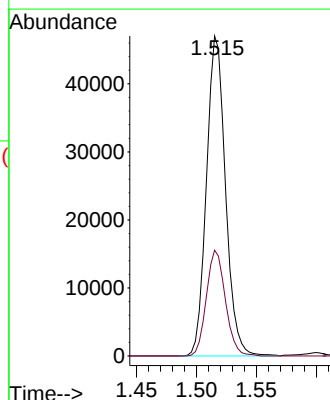
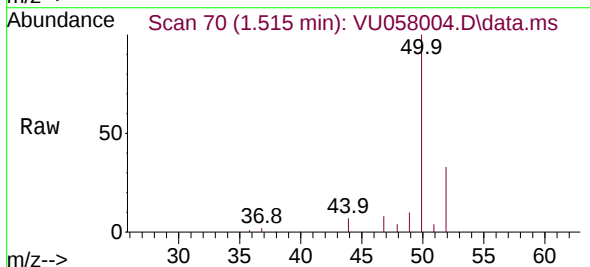
Instrument :
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 ClientSampleId :

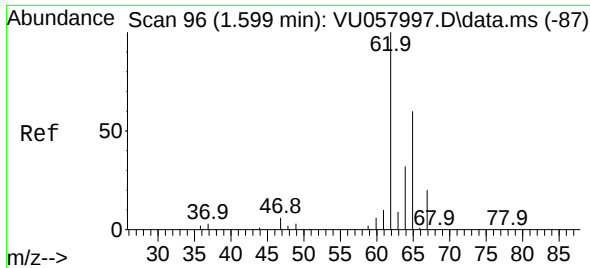
Tgt Ion: 85 Resp: 44841
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.6



#3
 Chloromethane
 Concen: 5.291 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU058004.D
 Acq: 08 Mar 2024 08:58

Tgt Ion: 50 Resp: 52043
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.1 42.9

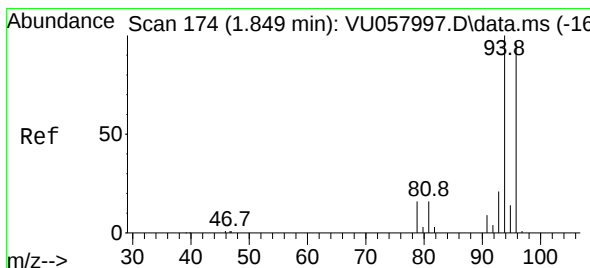
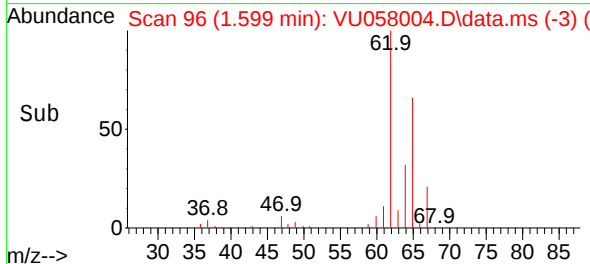
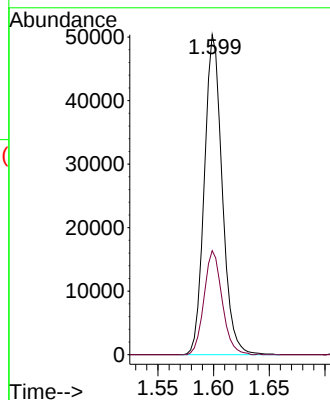
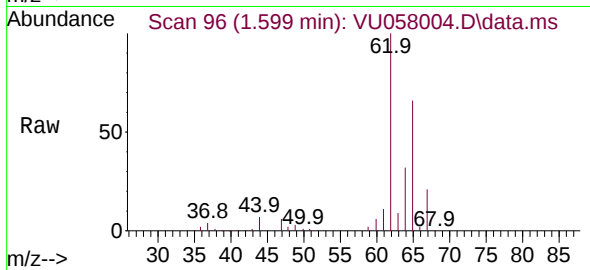




#5
 Vinyl chloride
 Concen: 5.318 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU058004.D
 Acq: 08 Mar 2024 08:58

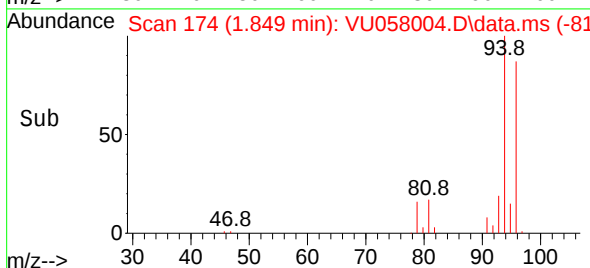
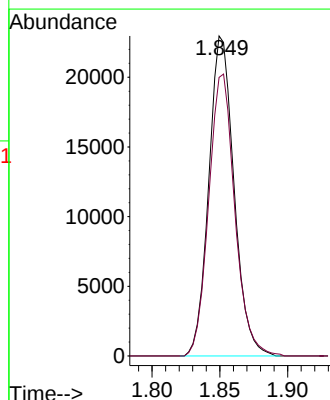
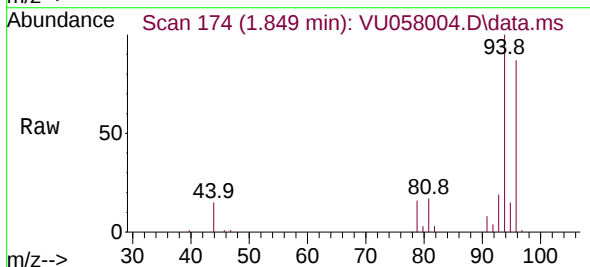
Instrument :
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 ClientSampleId :

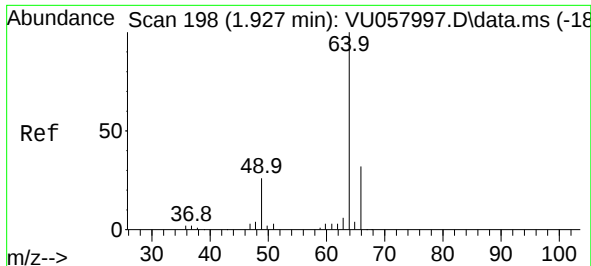
Tgt Ion: 62 Resp: 56258
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.5 41.7



#6
 Bromomethane
 Concen: 5.337 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VU058004.D
 Acq: 08 Mar 2024 08:58

Tgt Ion: 94 Resp: 29740
 Ion Ratio Lower Upper
 94 100
 96 87.0 65.2 121.2

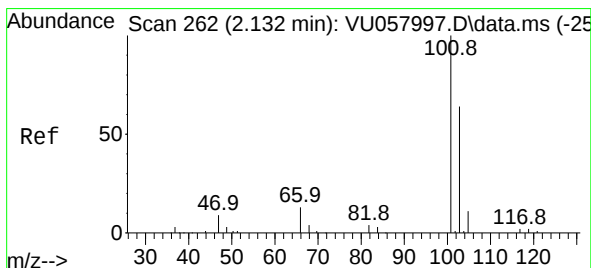
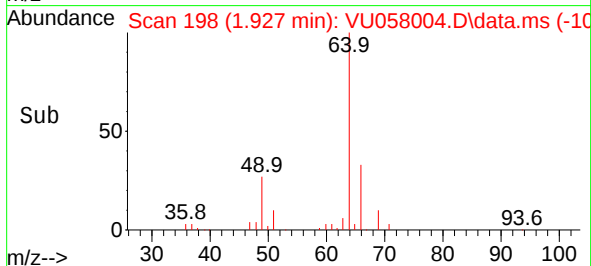
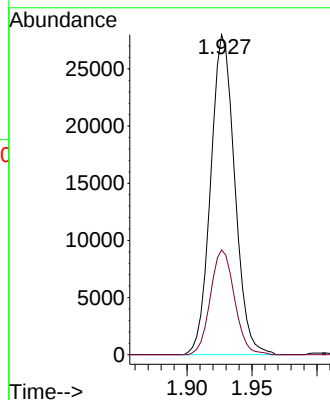
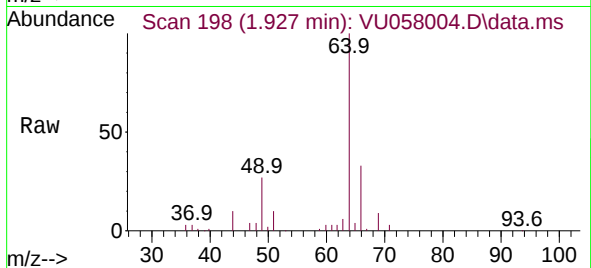




#8
Chloroethane
Concen: 5.412 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

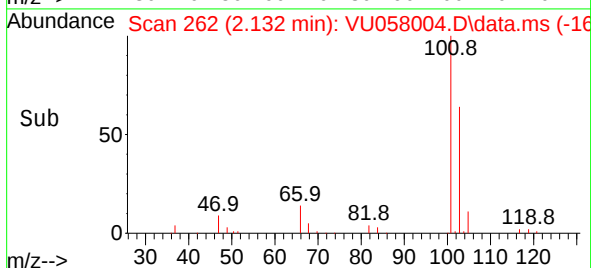
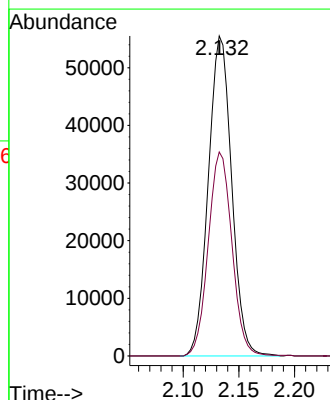
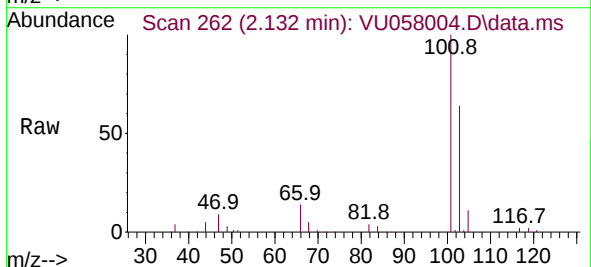
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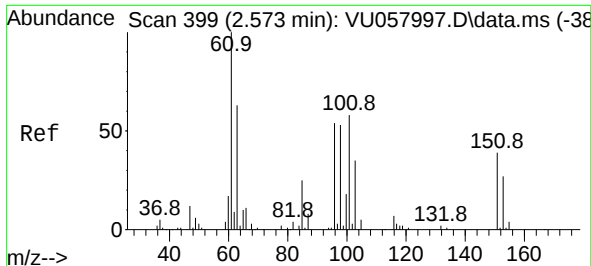
Tgt Ion: 64 Resp: 36059
Ion Ratio Lower Upper
64 100
66 32.8 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.371 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

Tgt Ion:101 Resp: 80942
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

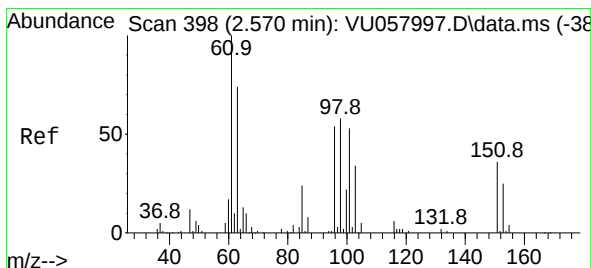
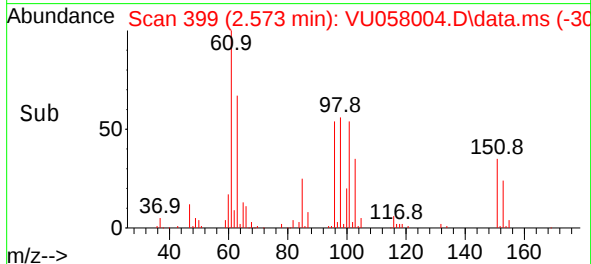
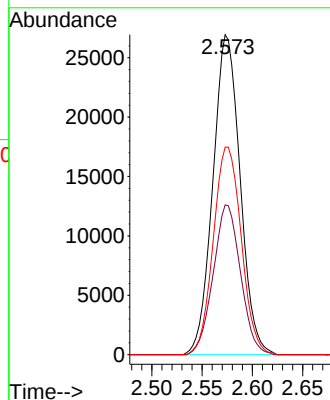
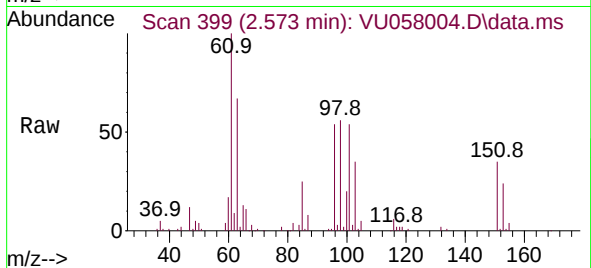




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.385 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058004.D
 Acq: 08 Mar 2024 08:58

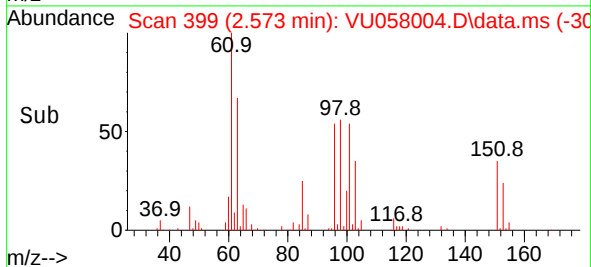
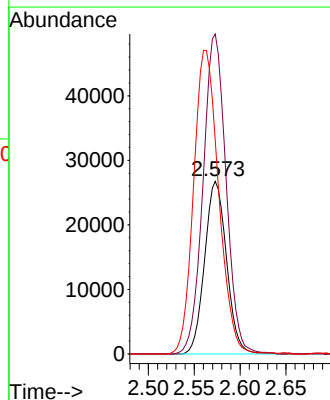
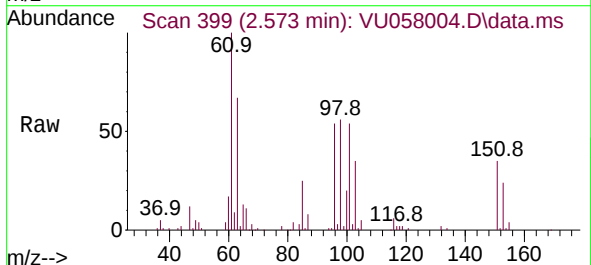
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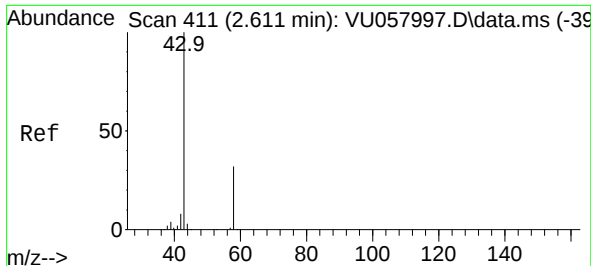
Tgt Ion:101 Resp: 50739
 Ion Ratio Lower Upper
 101 100
 85 46.8 37.3 55.9
 151 66.7 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 5.301 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.003 min
 Lab File: VU058004.D
 Acq: 08 Mar 2024 08:58

Tgt Ion: 96 Resp: 44403
 Ion Ratio Lower Upper
 96 100
 61 185.3 131.8 244.8
 63 123.7 98.1 182.1





#13

Acetone

Concen: 57.064 ug/L

RT: 2.611 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

Instrument :

MSVOA_U

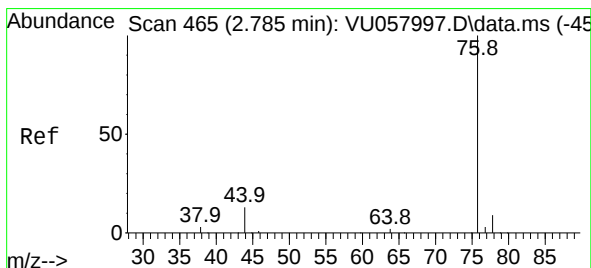
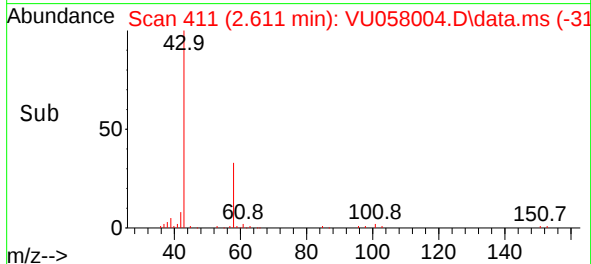
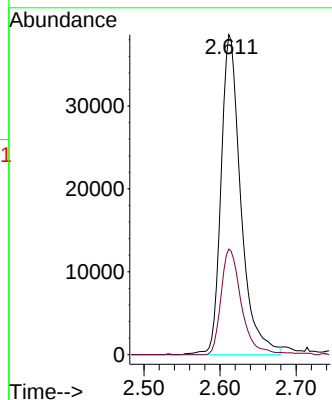
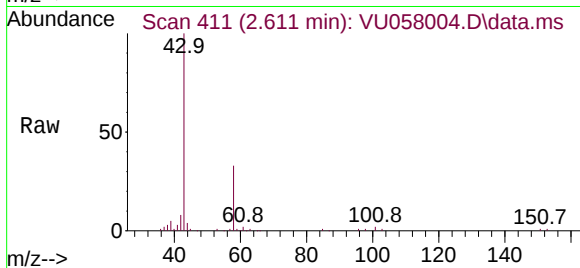
ClientSampleId :

Tgt Ion: 43 Resp: 69891

Ion Ratio Lower Upper

43 100

58 34.0 0.0 63.6



#14

Carbon disulfide

Concen: 5.093 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU058004.D

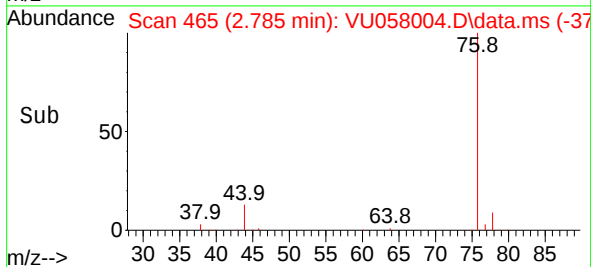
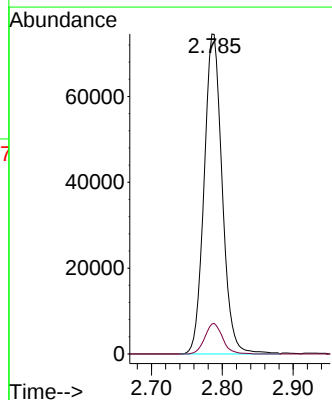
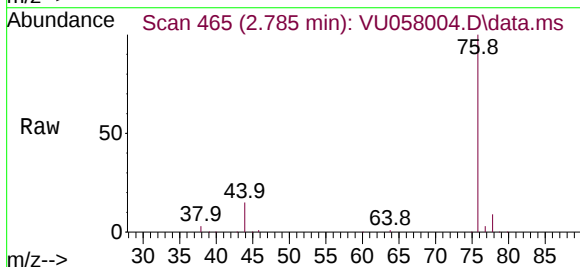
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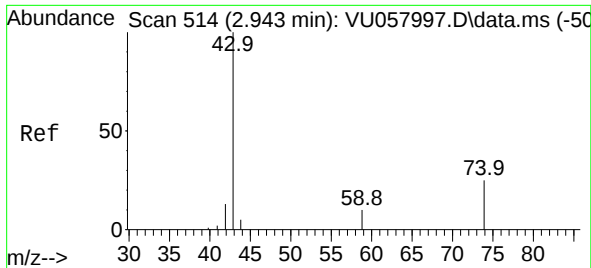
Tgt Ion: 76 Resp: 131906

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9





#15

Methyl Acetate

Concen: 5.866 ug/L

RT: 2.943 min Scan# 514

Delta R.T. 0.000 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

Instrument :

MSVOA_U

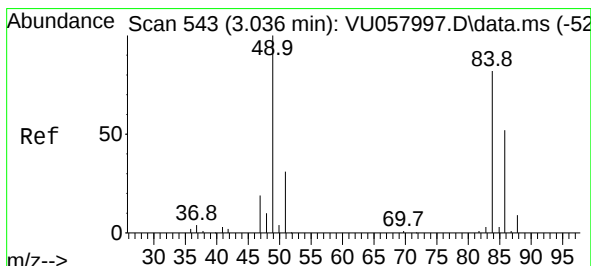
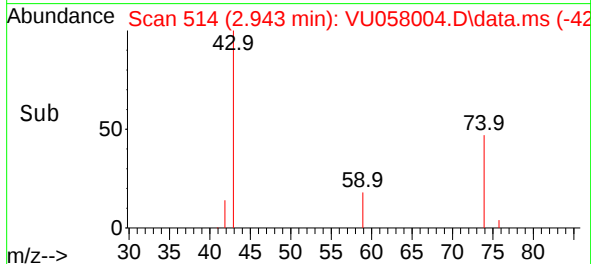
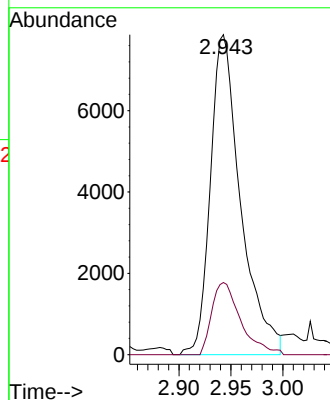
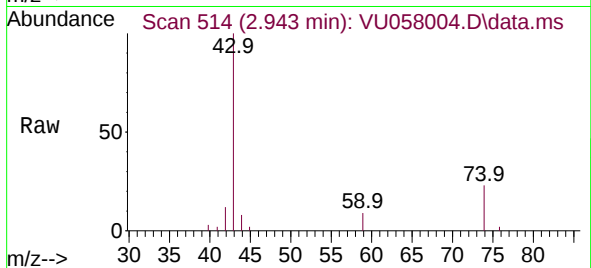
ClientSampleId :

Tgt Ion: 43 Resp: 15944

Ion Ratio Lower Upper

43 100

74 21.5 20.6 31.0



#16

Methylene chloride

Concen: 5.026 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

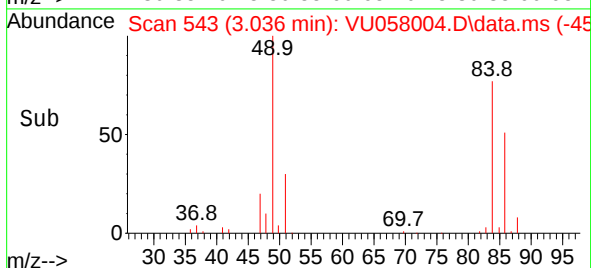
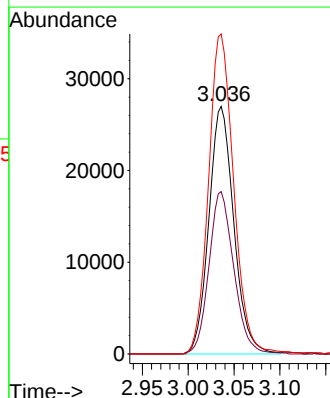
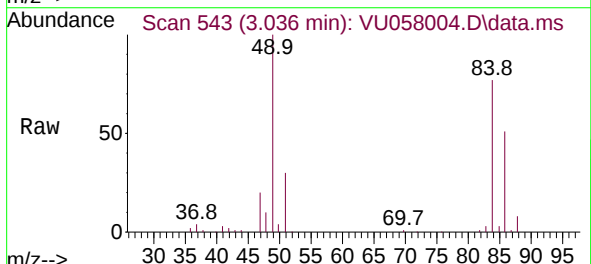
Tgt Ion: 84 Resp: 51168

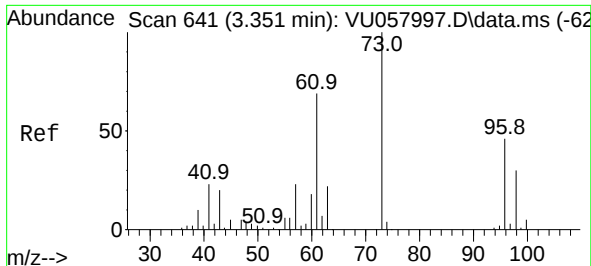
Ion Ratio Lower Upper

84 100

86 65.6 44.4 82.4

49 134.7 88.8 165.0

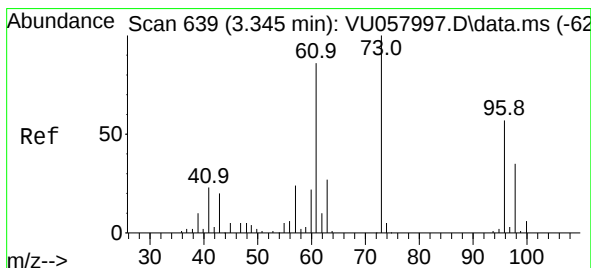
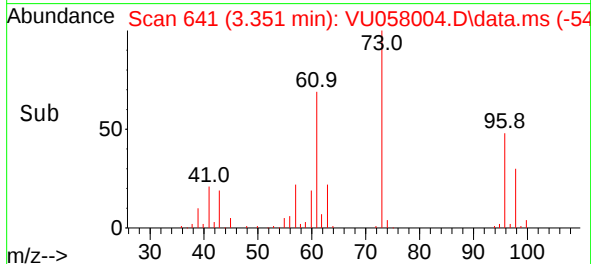
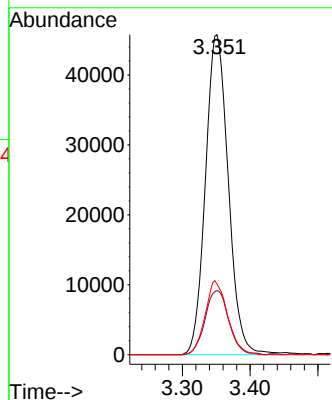
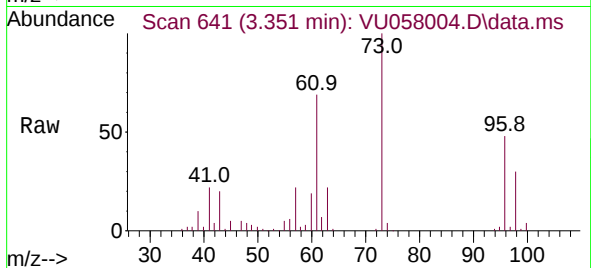




#17
Methyl tert-butyl Ether
Concen: 5.416 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

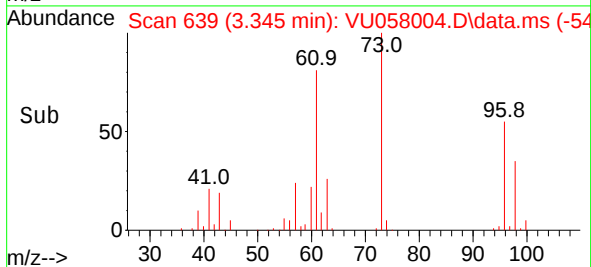
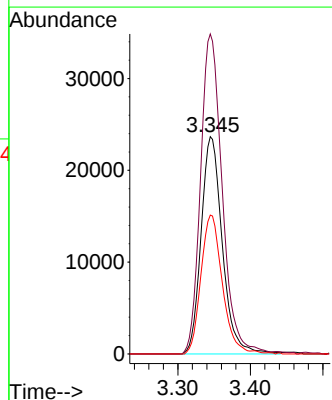
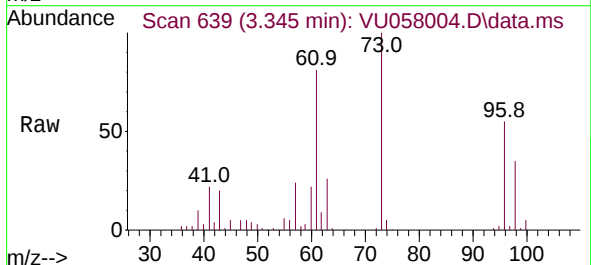
Instrument :
MSVOA_U
ClientSampleId :

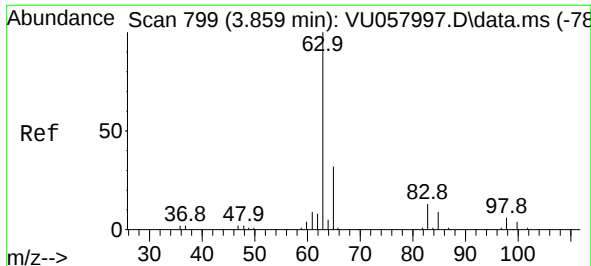
Tgt Ion: 73 Resp: 107293
Ion Ratio Lower Upper
73 100
43 20.7 16.2 24.4
57 22.6 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.276 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

Tgt Ion: 96 Resp: 48139
Ion Ratio Lower Upper
96 100
61 147.3 107.7 199.9
98 64.0 45.8 85.0

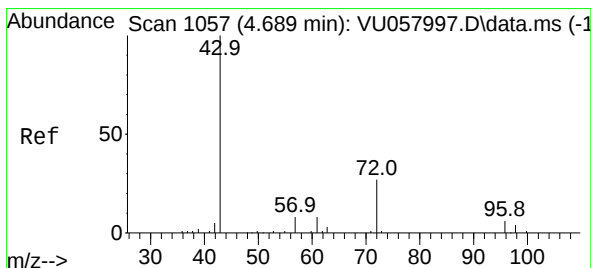
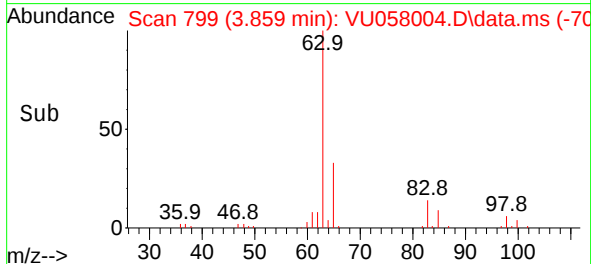
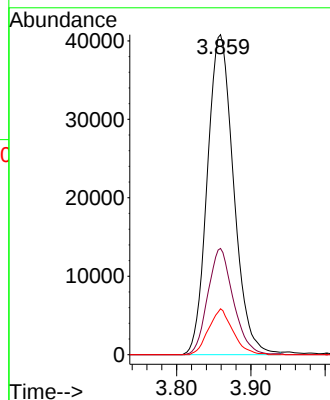
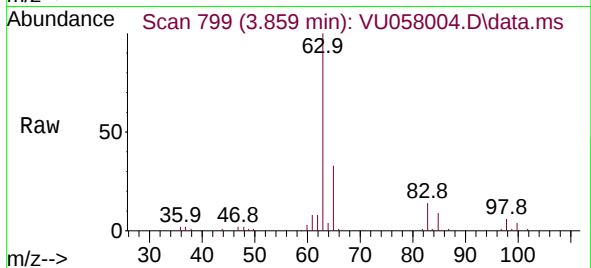




#19
1,1-Dichloroethane
Concen: 5.515 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

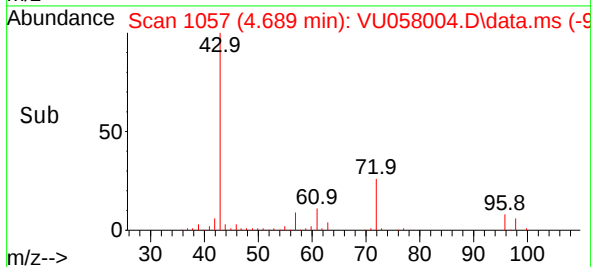
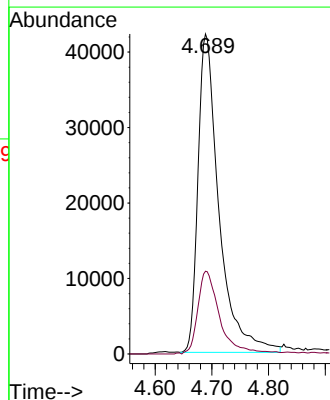
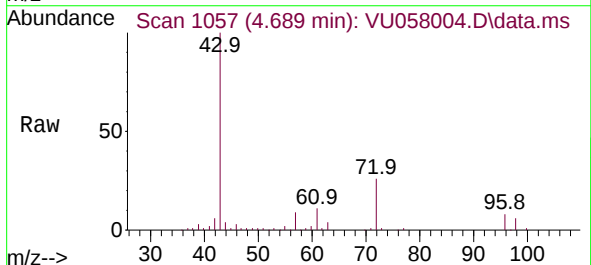
Instrument :
MSVOA_U
ClientSampleId :

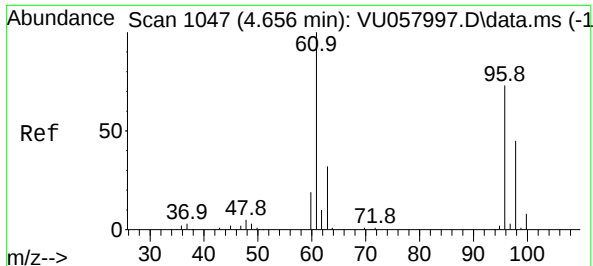
Tgt Ion: 63 Resp: 100370
Ion Ratio Lower Upper
63 100
65 33.2 22.1 41.1
83 14.3 9.0 16.6



#21
2-Butanone
Concen: 56.198 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

Tgt Ion: 43 Resp: 108457
Ion Ratio Lower Upper
43 100
72 26.9 13.0 39.0

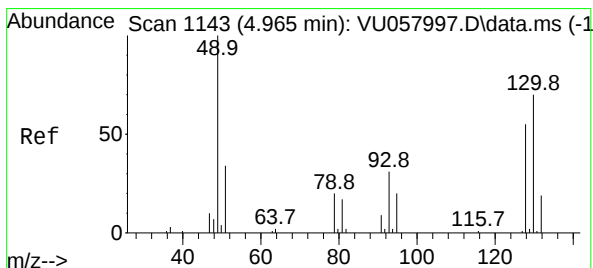
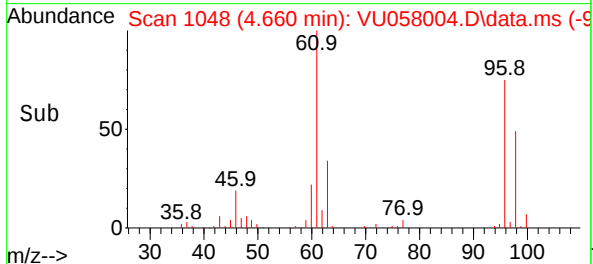
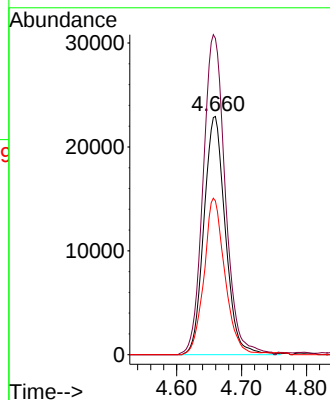
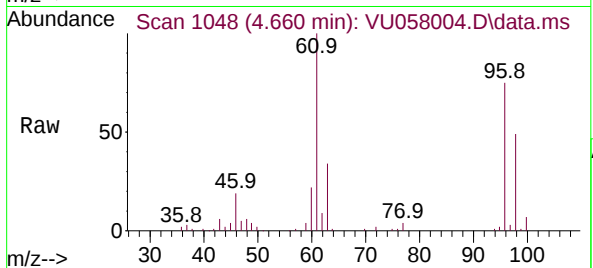




#22
cis-1,2-Dichloroethene
Concen: 5.258 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

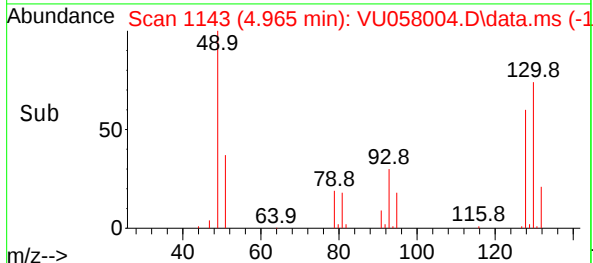
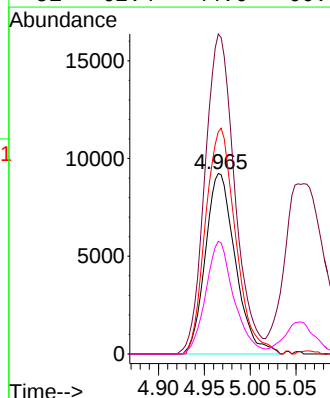
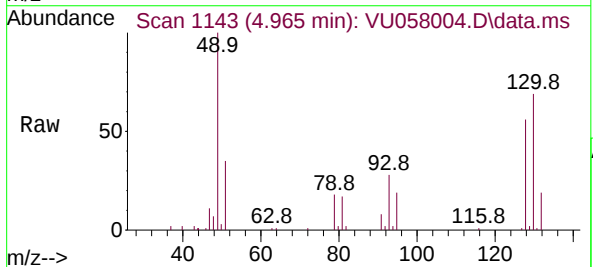
Instrument :
MSVOA_U
ClientSampleId :

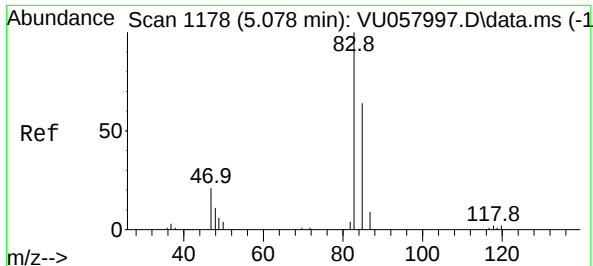
Tgt Ion: 96 Resp: 52777
Ion Ratio Lower Upper
96 100
61 132.7 97.2 180.4
98 64.5 45.5 84.5



#23
Bromochloromethane
Concen: 5.613 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

Tgt Ion:128 Resp: 20919
Ion Ratio Lower Upper
128 100
49 183.2 122.0 226.6
130 123.0 86.6 160.8
51 62.4 44.6 66.8





#25

Chloroform

Concen: 5.418 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

Instrument :

MSVOA_U

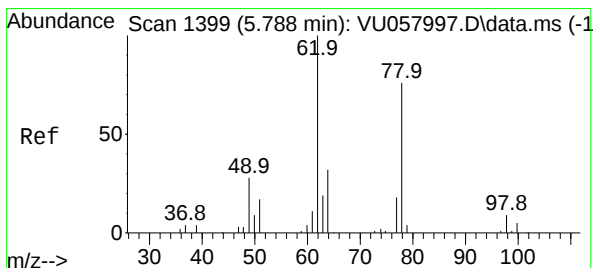
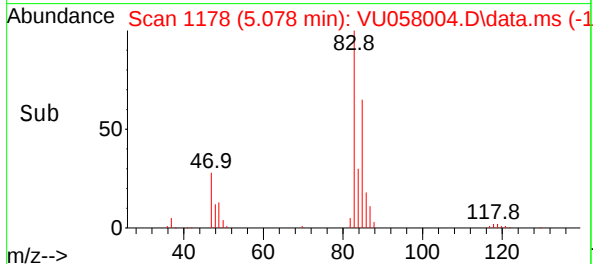
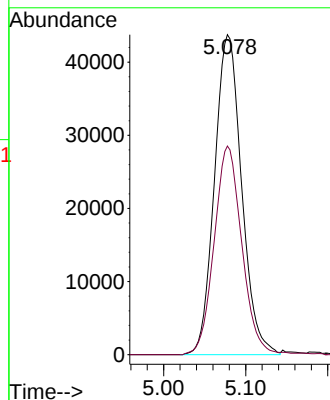
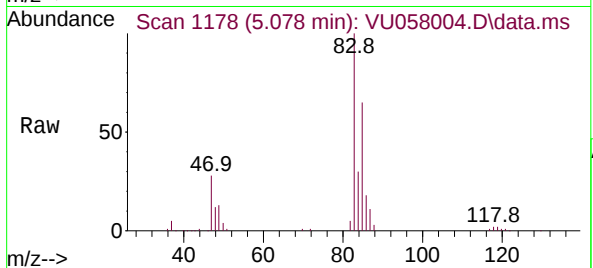
ClientSampleId :

Tgt Ion: 83 Resp: 100673

Ion Ratio Lower Upper

83 100

85 65.2 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.542 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU058004.D

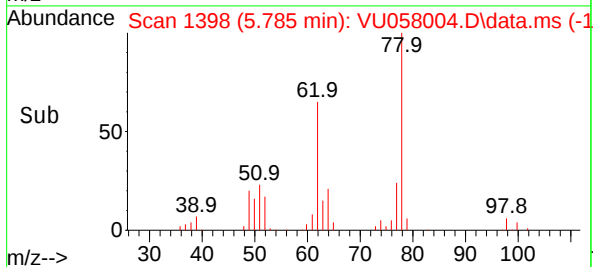
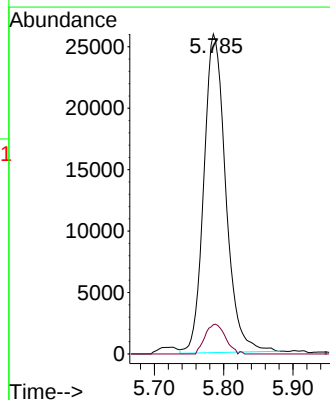
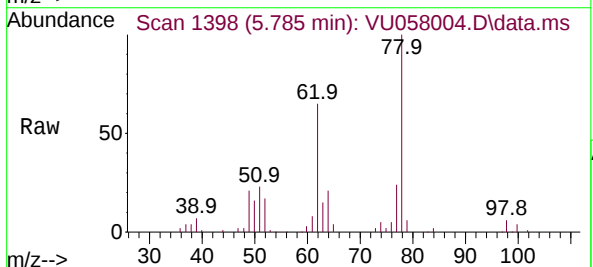
Acq: 08 Mar 2024 08:58

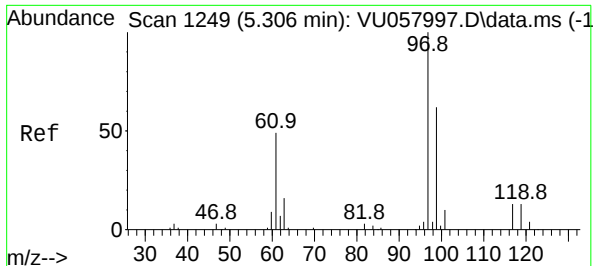
Tgt Ion: 62 Resp: 57014

Ion Ratio Lower Upper

62 100

98 9.1 7.0 10.4

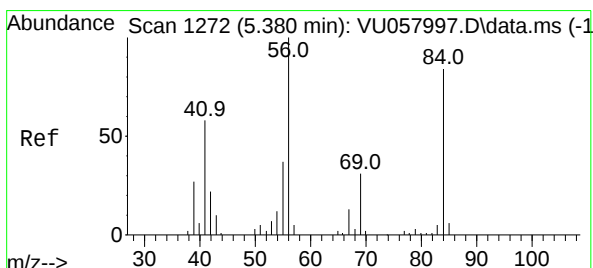
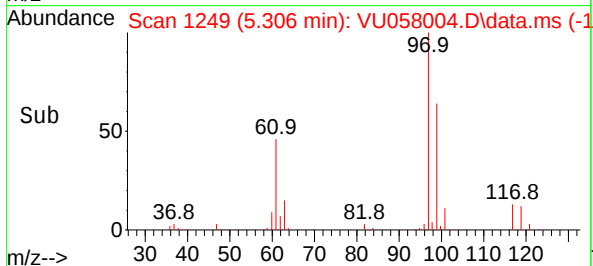
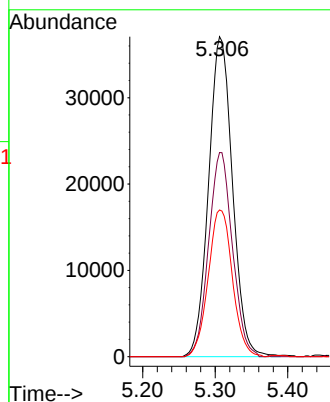
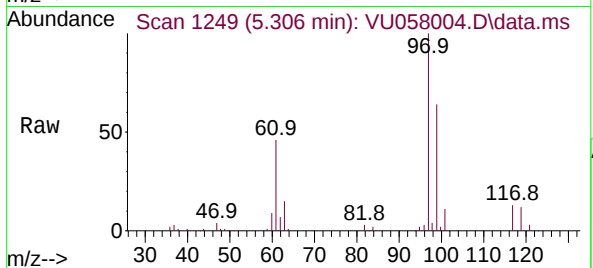




#29
1,1,1-Trichloroethane
Concen: 5.408 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

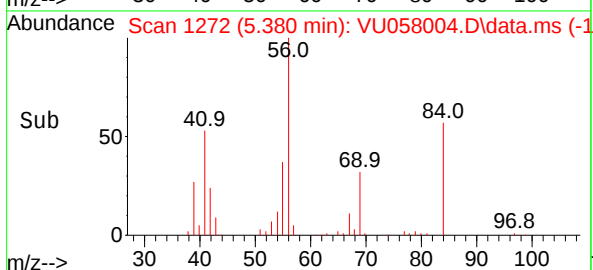
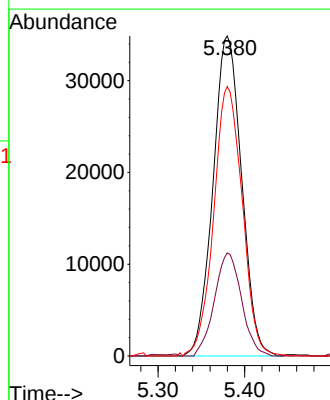
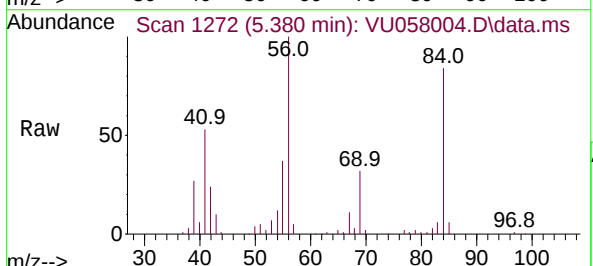
Instrument :
MSVOA_U
ClientSampleId :

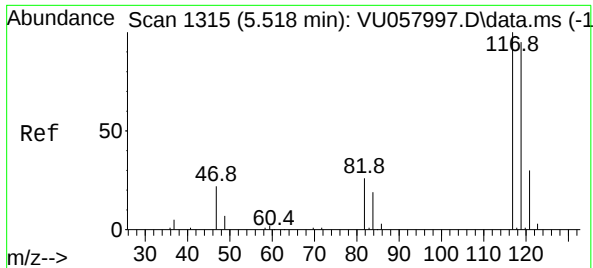
Tgt Ion: 97 Resp: 84973
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 46.3 37.4 56.2



#30
Cyclohexane
Concen: 5.044 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

Tgt Ion: 56 Resp: 80021
Ion Ratio Lower Upper
56 100
69 30.5 24.2 36.2
84 84.0 66.6 99.8

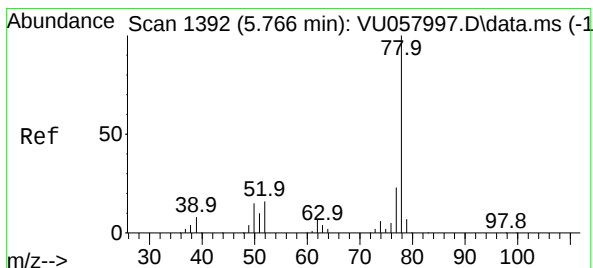
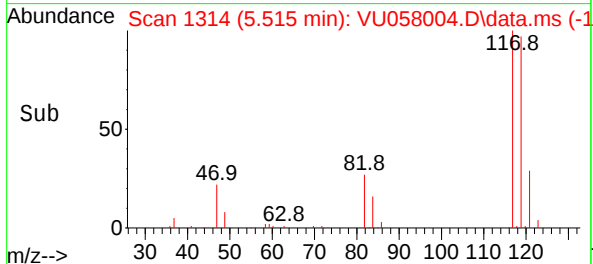
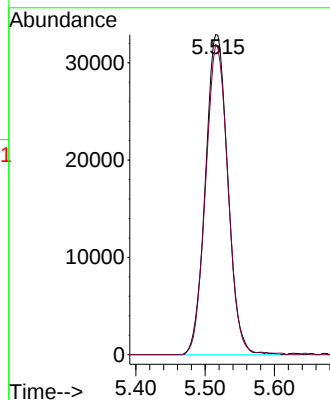
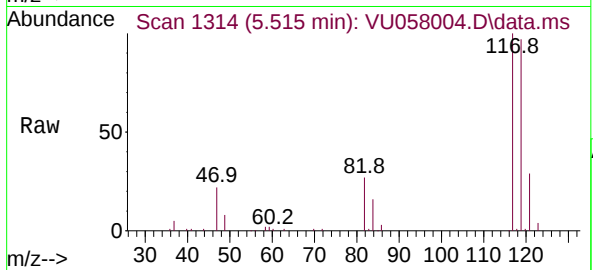




#31
Carbon tetrachloride
Concen: 5.410 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

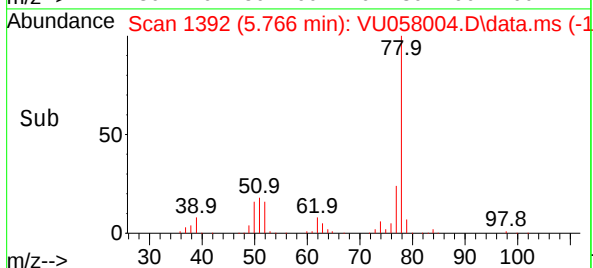
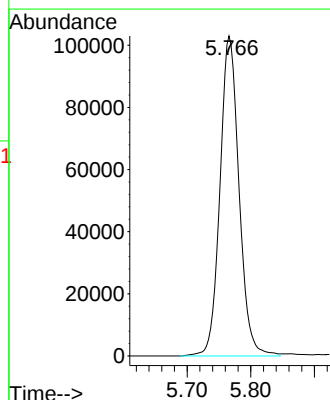
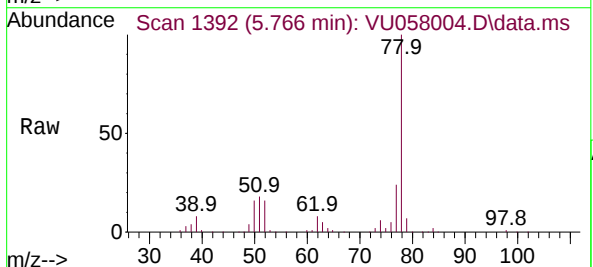
Instrument :
MSVOA_U
ClientSampleId :

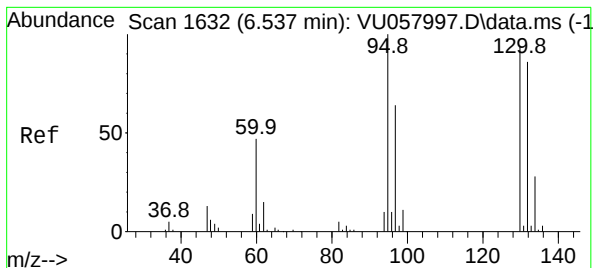
Tgt Ion:117 Resp: 73859
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8



#33
Benzene
Concen: 5.299 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

Tgt Ion: 78 Resp: 214655





#34

Trichloroethene

Concen: 5.272 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 56188

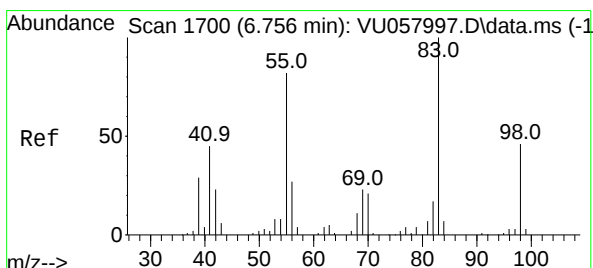
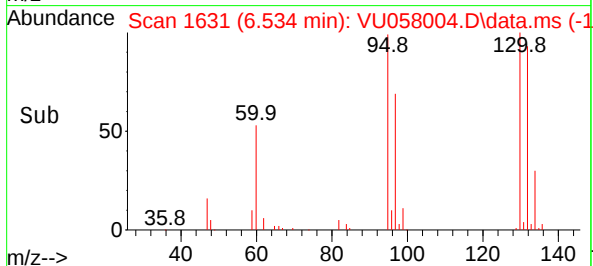
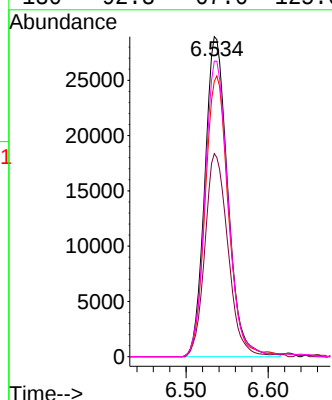
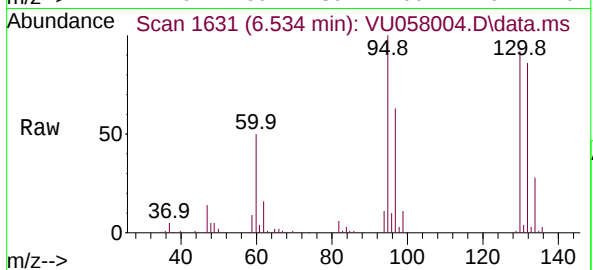
Ion Ratio Lower Upper

95 100

97 63.5 45.3 84.1

132 86.0 63.1 117.1

130 92.3 67.6 125.6



#35

Methylcyclohexane

Concen: 5.048 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

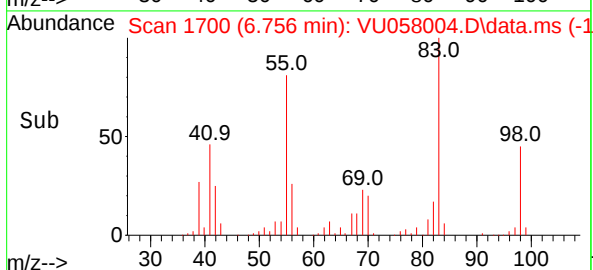
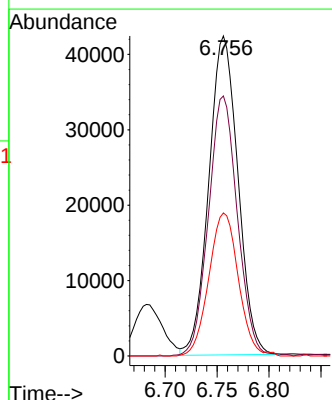
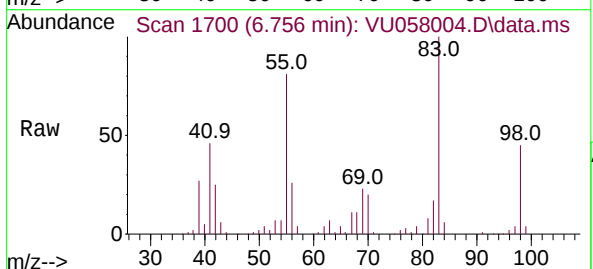
Tgt Ion: 83 Resp: 82478

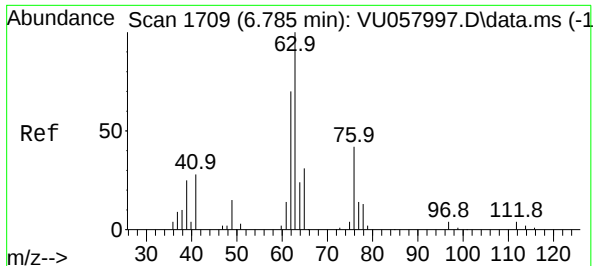
Ion Ratio Lower Upper

83 100

55 81.2 63.0 94.6

98 45.5 36.2 54.4





#37

1,2-Dichloropropane

Concen: 5.360 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

Instrument :

MSVOA_U

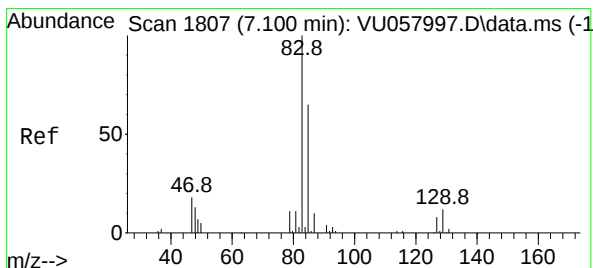
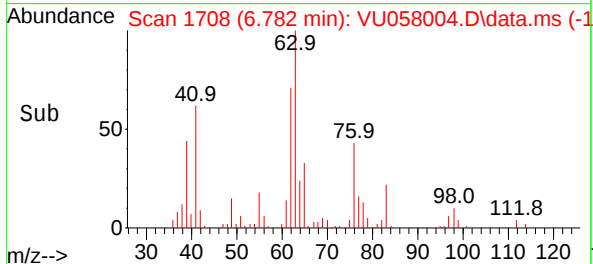
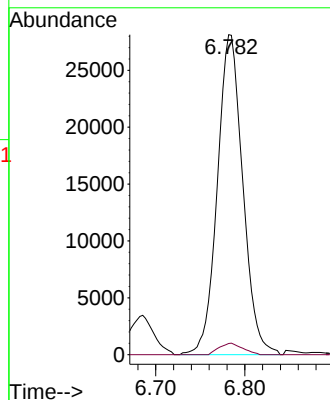
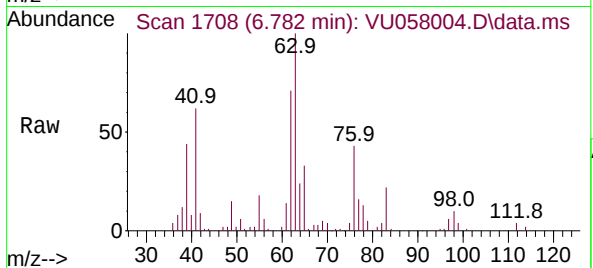
ClientSampleId :

Tgt Ion: 63 Resp: 55990

Ion Ratio Lower Upper

63 100

112 3.3 3.0 4.4



#38

Bromodichloromethane

Concen: 5.476 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

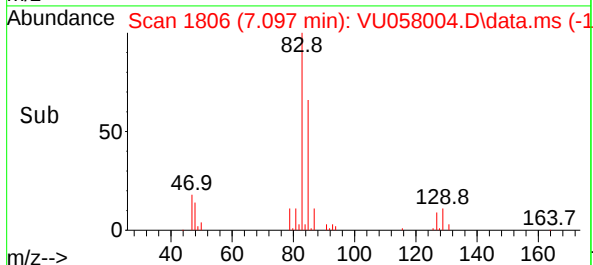
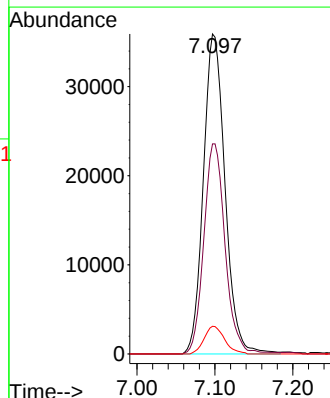
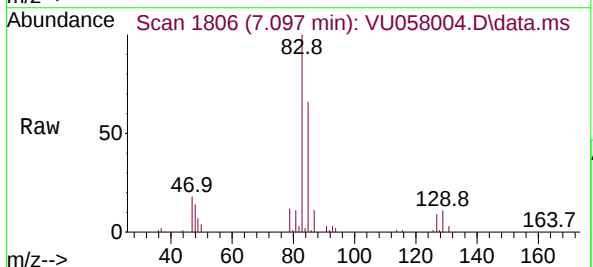
Tgt Ion: 83 Resp: 69400

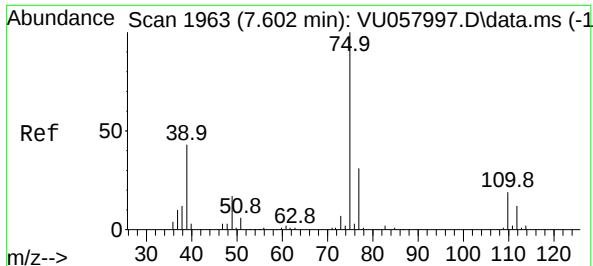
Ion Ratio Lower Upper

83 100

85 65.6 44.5 82.7

127 8.7 6.6 9.8

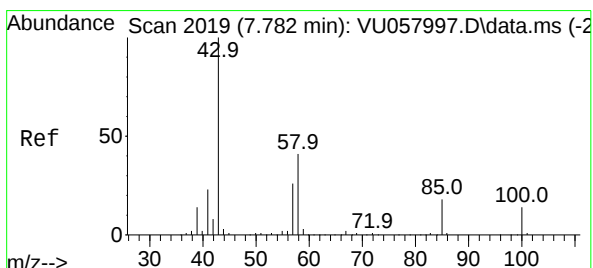
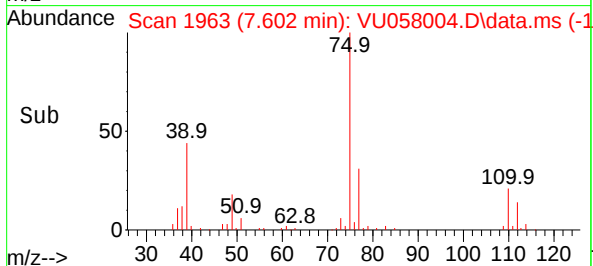
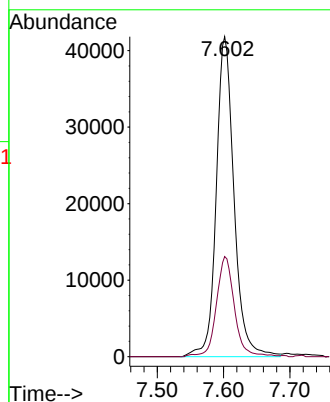
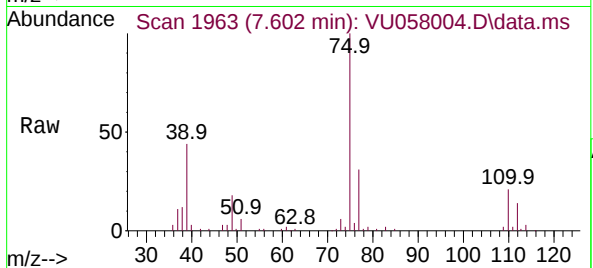




#39
 cis-1,3-Dichloropropene
 Concen: 5.413 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058004.D
 Acq: 08 Mar 2024 08:58

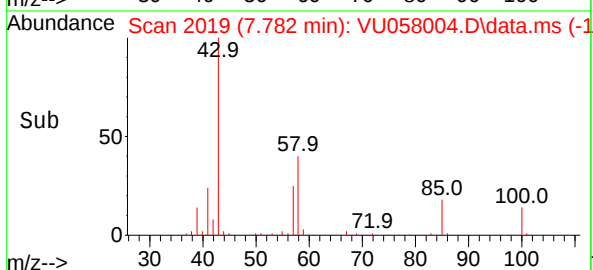
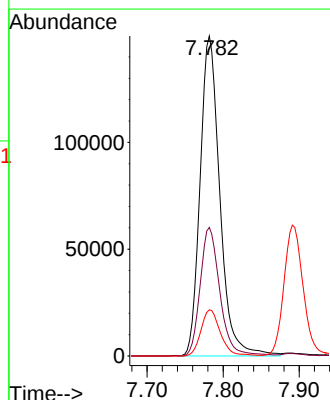
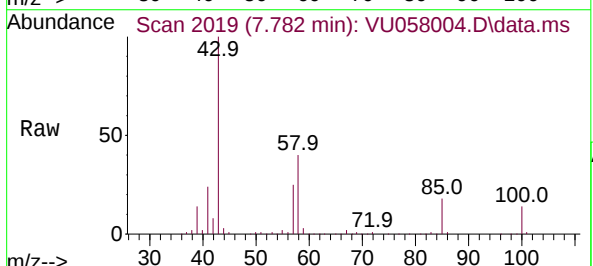
Instrument :
 MSVOA_U
 ClientSampleId :

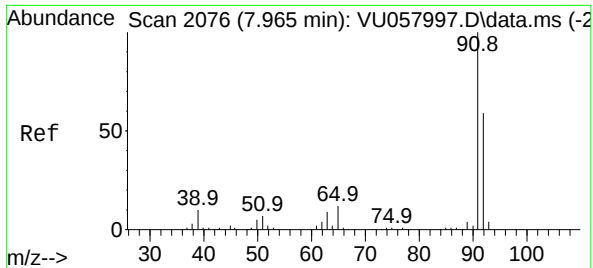
Tgt Ion: 75 Resp: 77904
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 56.262 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU058004.D
 Acq: 08 Mar 2024 08:58

Tgt Ion: 43 Resp: 270346
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.7 47.5
 100 14.3 11.3 16.9





#42

Toluene

Concen: 5.283 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

Instrument :

MSVOA_U

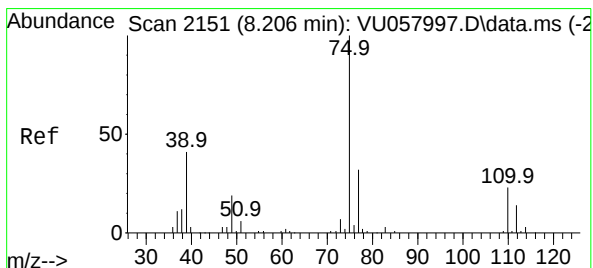
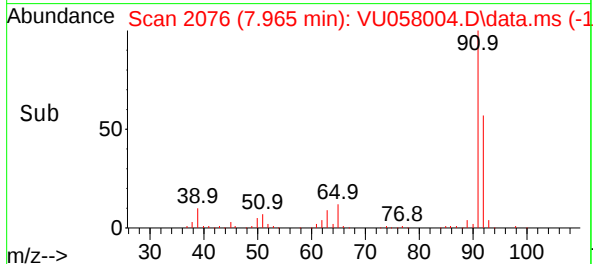
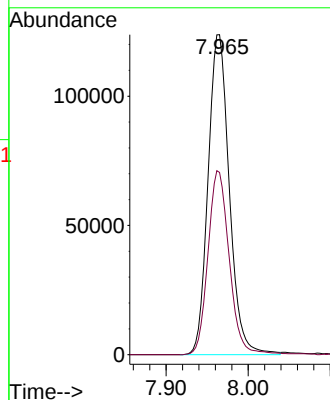
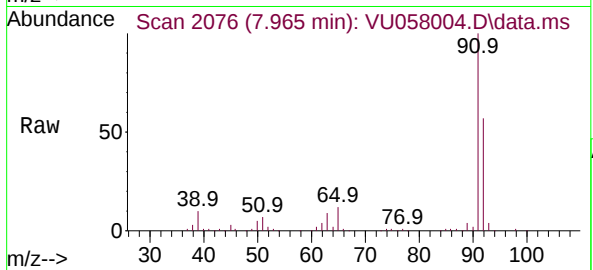
ClientSampleId :

Tgt Ion: 91 Resp: 222859

Ion Ratio Lower Upper

91 100

92 57.0 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.400 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU058004.D

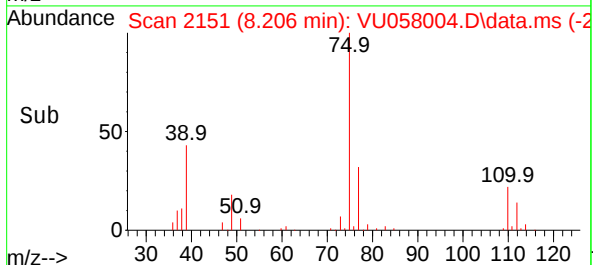
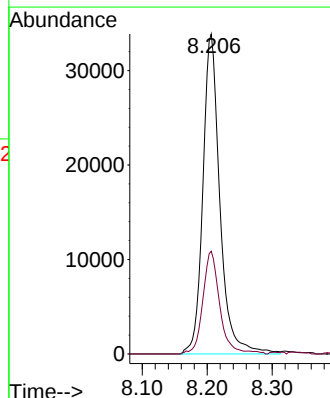
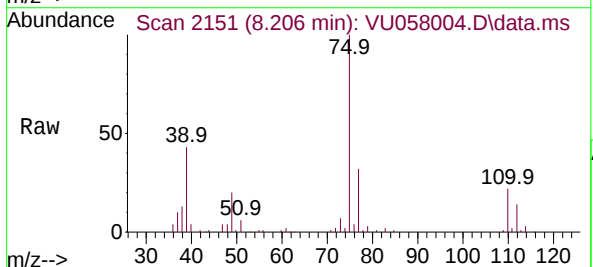
Acq: 08 Mar 2024 08:58

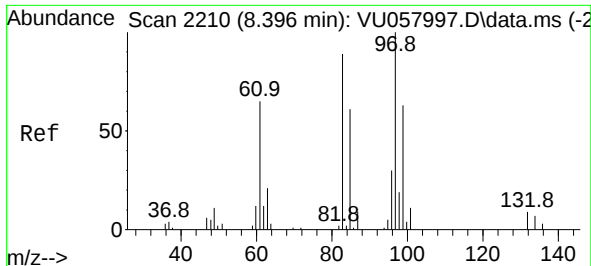
Tgt Ion: 75 Resp: 61930

Ion Ratio Lower Upper

75 100

77 32.1 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 5.429 ug/L

RT: 8.393 min Scan# 2210

Delta R.T. -0.003 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 33627

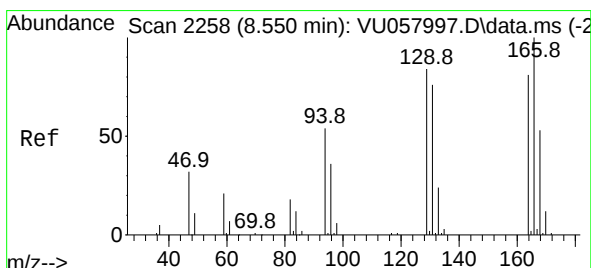
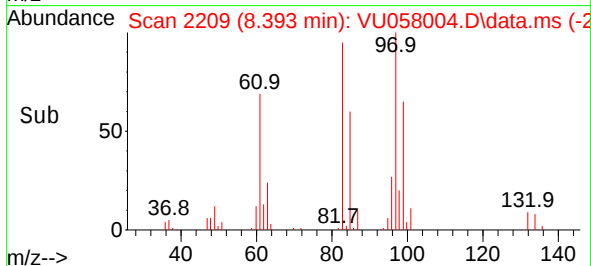
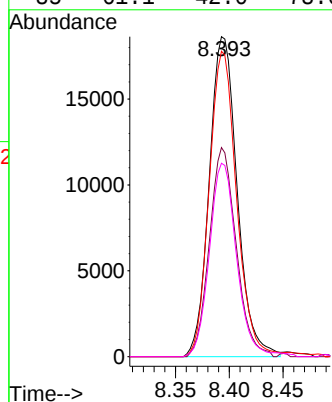
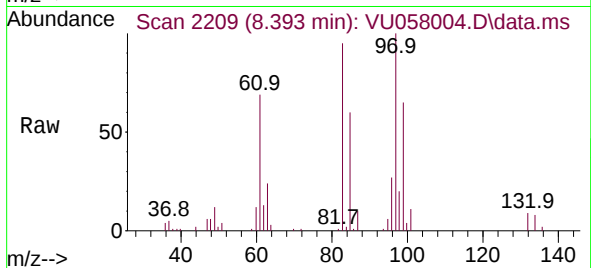
Ion Ratio Lower Upper

97 100

99 65.4 44.2 82.2

83 95.4 64.2 119.2

85 61.1 42.0 78.0



#47

Tetrachloroethene

Concen: 5.186 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

Tgt Ion: 164 Resp: 38347

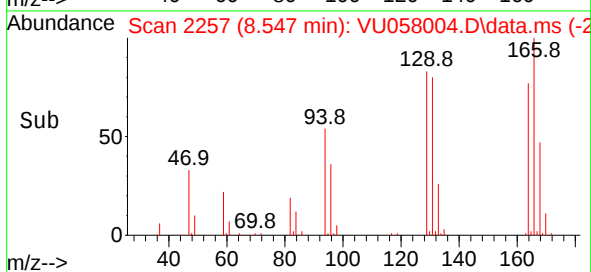
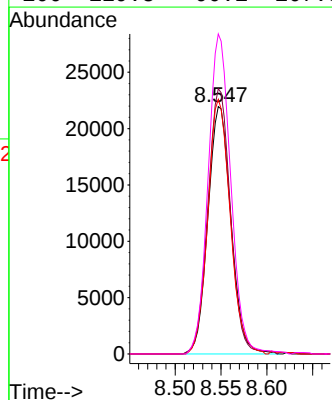
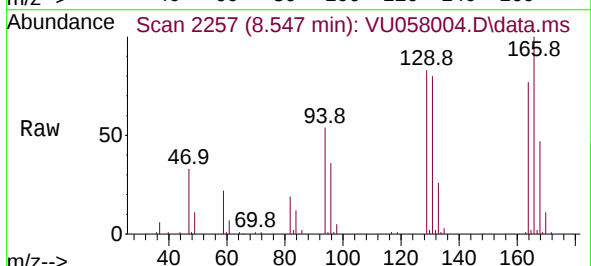
Ion Ratio Lower Upper

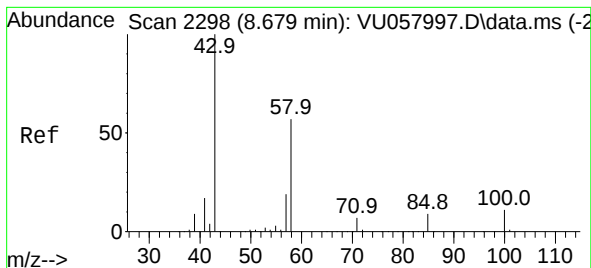
164 100

129 107.2 69.3 128.7

131 102.9 69.9 129.9

166 129.3 90.1 167.3





#48

2-Hexanone

Concen: 55.568 ug/L

RT: 8.676 min Scan# 2298

Delta R.T. -0.003 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 195813

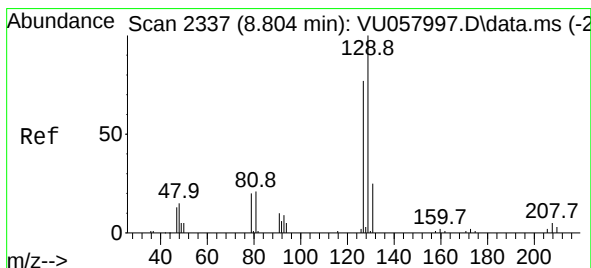
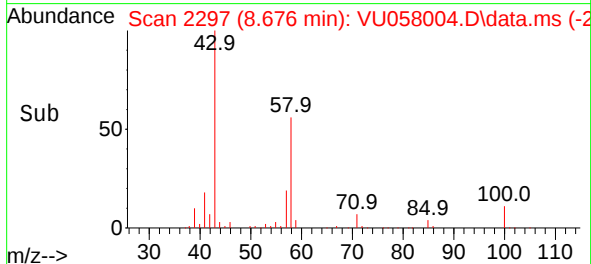
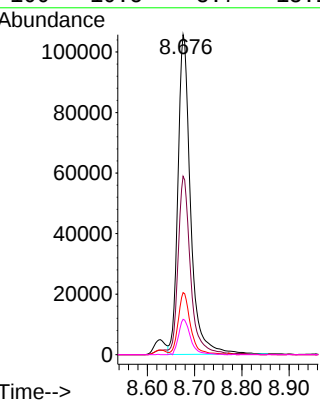
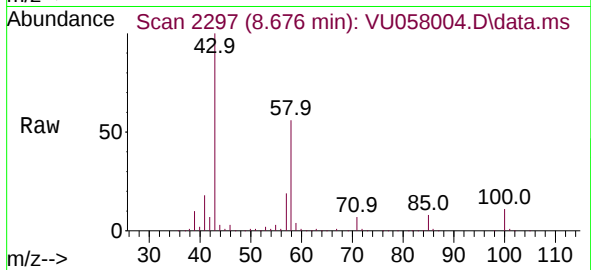
Ion Ratio Lower Upper

43 100

58 56.6 43.3 64.9

57 19.2 15.2 22.8

100 10.5 8.7 13.1



#49

Dibromochloromethane

Concen: 5.672 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU058004.D

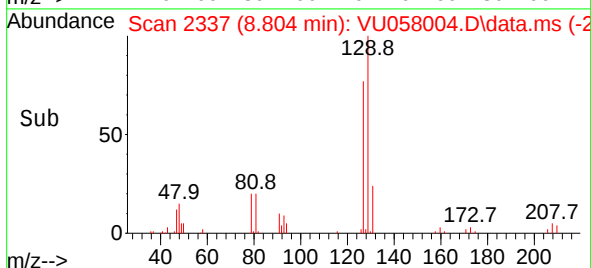
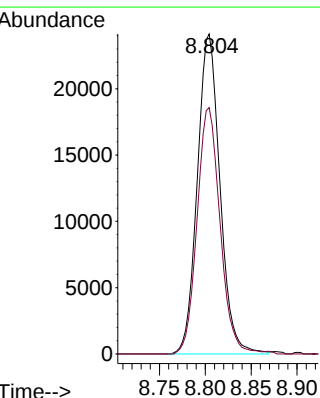
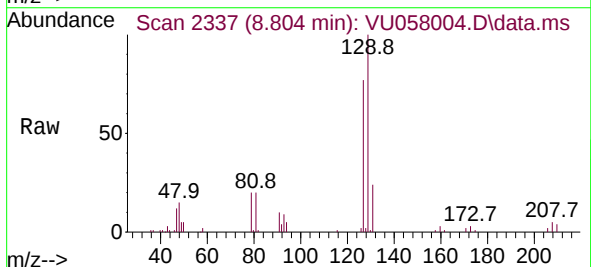
Acq: 08 Mar 2024 08:58

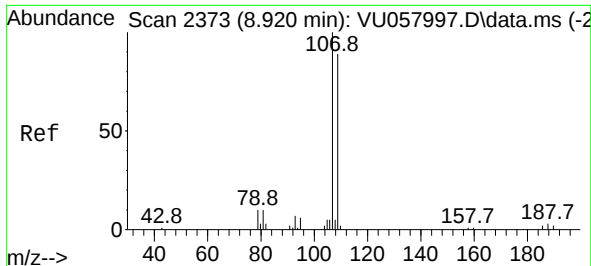
Tgt Ion:129 Resp: 41579

Ion Ratio Lower Upper

129 100

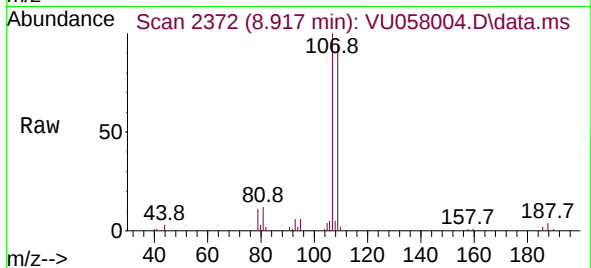
127 77.0 55.2 102.6



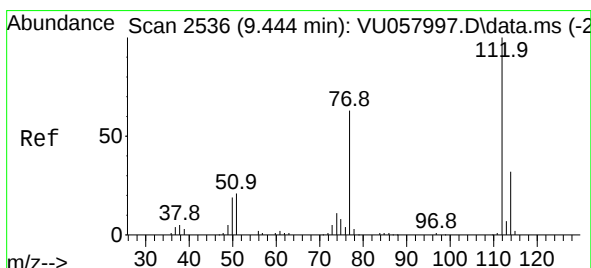
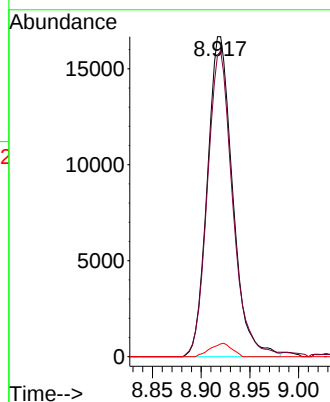
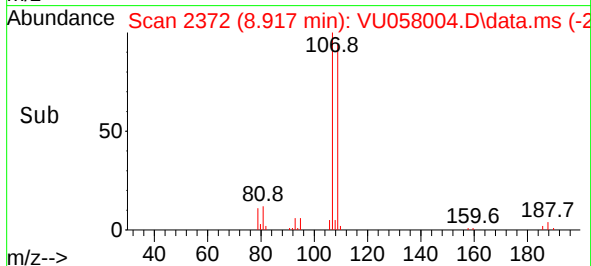


#50
1,2-Dibromoethane
Concen: 5.488 ug/L
RT: 8.917 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

Instrument :
MSVOA_U
ClientSampleId :

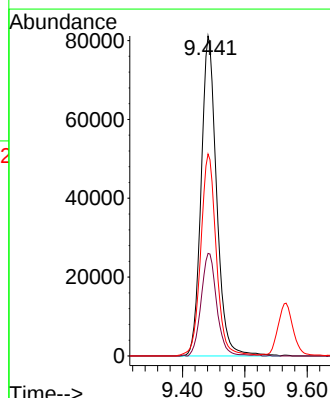
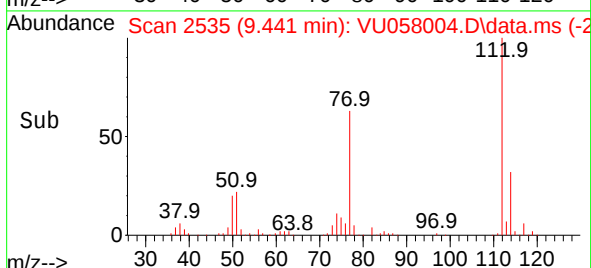
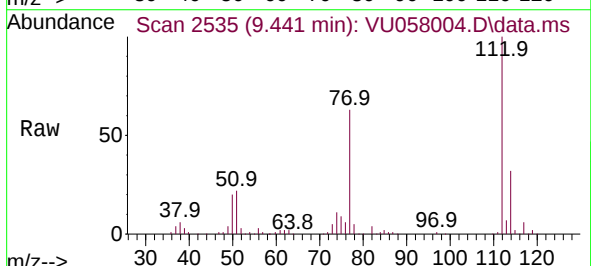


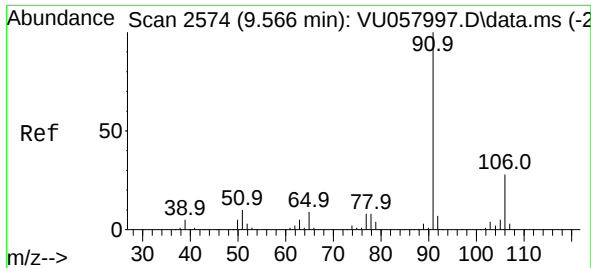
Tgt Ion:107 Resp: 30164
Ion Ratio Lower Upper
107 100
109 94.2 67.8 125.8
188 3.5 2.4 3.6



#51
Chlorobenzene
Concen: 5.304 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

Tgt Ion:112 Resp: 140322
Ion Ratio Lower Upper
112 100
114 32.0 22.7 42.1
77 63.1 52.3 78.5

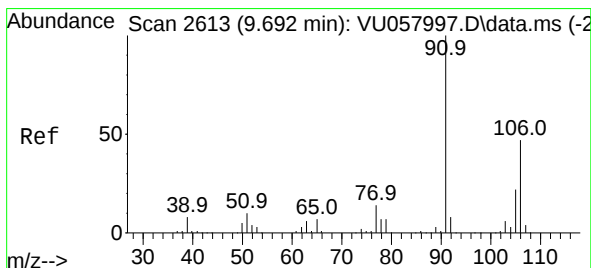
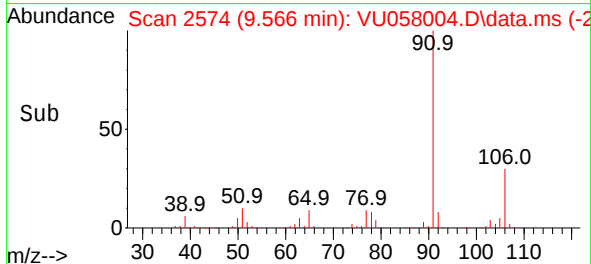
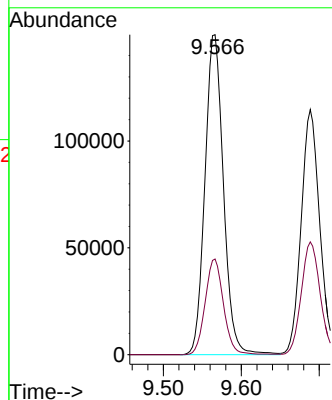
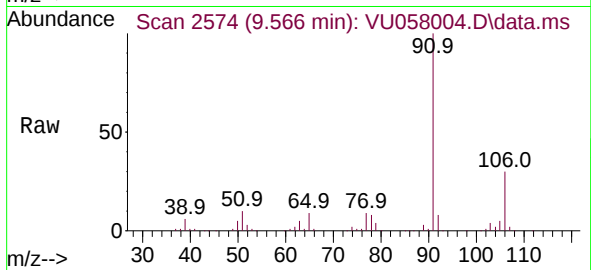




#52
Ethylbenzene
Concen: 5.235 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

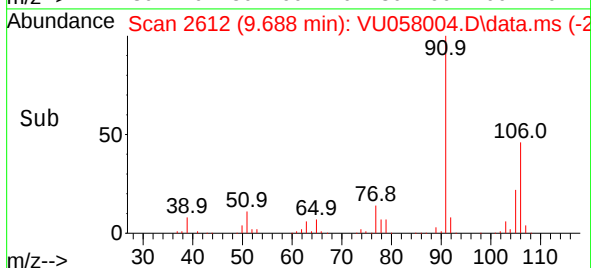
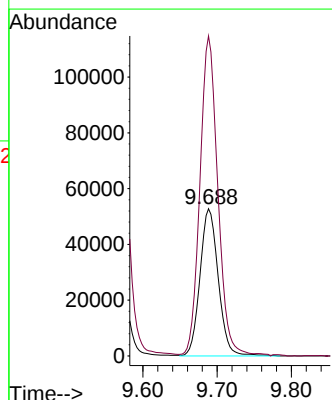
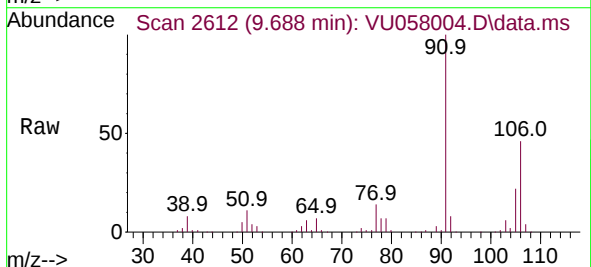
Instrument :
MSVOA_U
ClientSampleId :

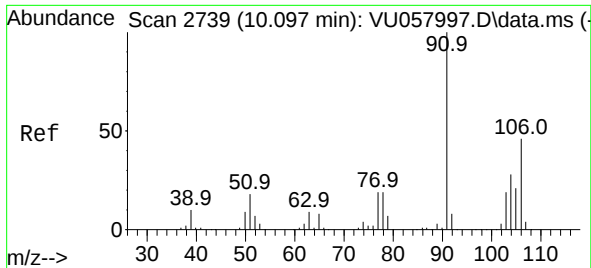
Tgt Ion: 91 Resp: 247129
Ion Ratio Lower Upper
91 100
106 29.9 20.9 38.7



#53
m,p-Xylene
Concen: 5.355 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

Tgt Ion:106 Resp: 90314
Ion Ratio Lower Upper
106 100
91 217.3 148.8 276.4

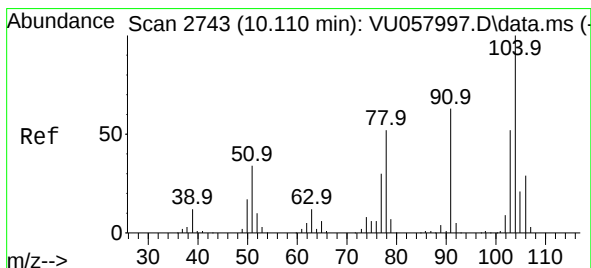
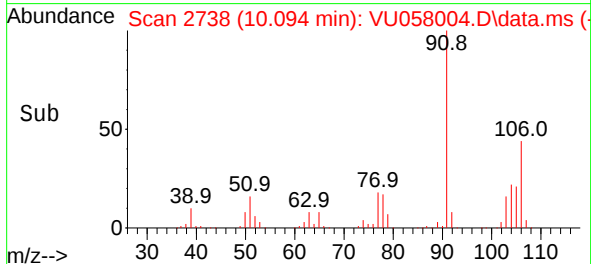
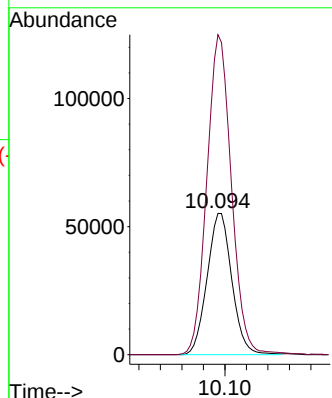
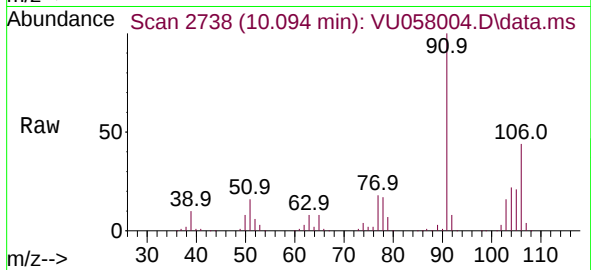




#54
o-Xylene
Concen: 5.239 ug/L
RT: 10.094 min Scan# 2739
Delta R.T. -0.003 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

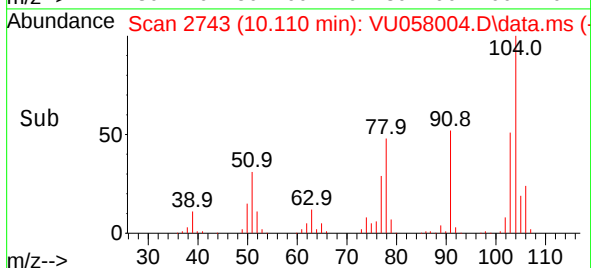
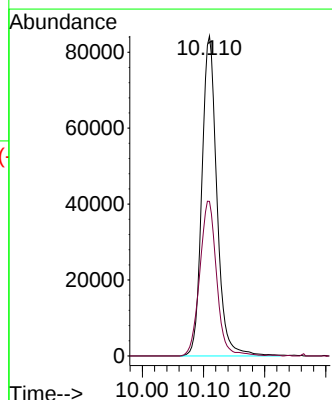
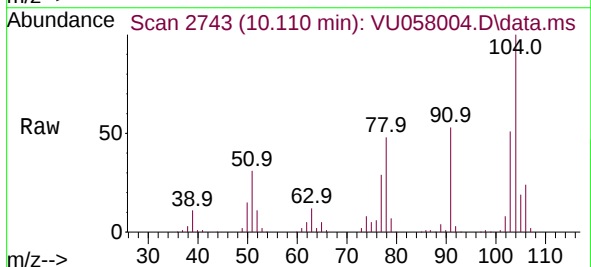
Instrument :
MSVOA_U
ClientSampleId :

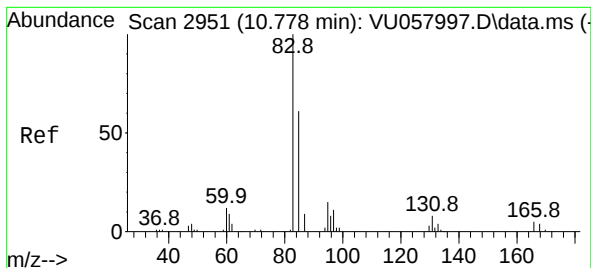
Tgt Ion:106 Resp: 88062
Ion Ratio Lower Upper
106 100
91 226.4 158.3 294.1



#55
Styrene
Concen: 5.455 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

Tgt Ion:104 Resp: 143913
Ion Ratio Lower Upper
104 100
78 48.3 34.2 63.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.733 ug/L

RT: 10.775 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

Instrument :

MSVOA_U

ClientSampleId :

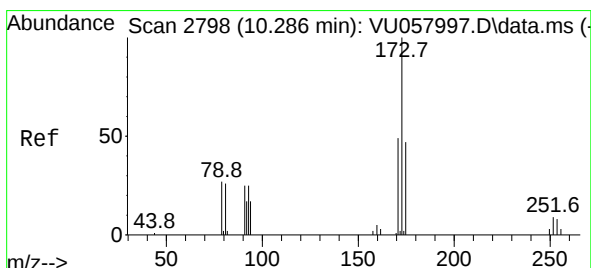
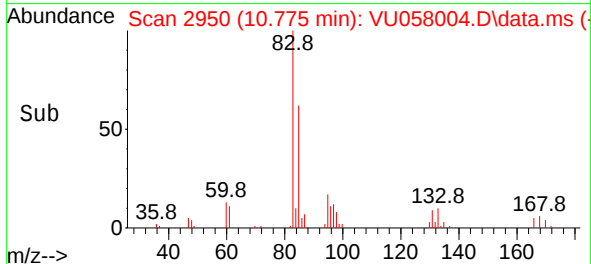
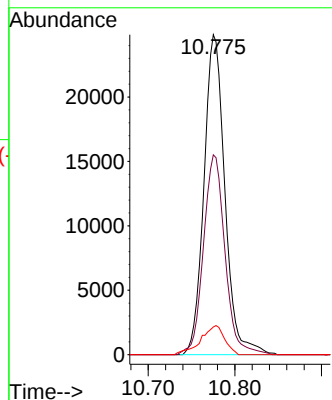
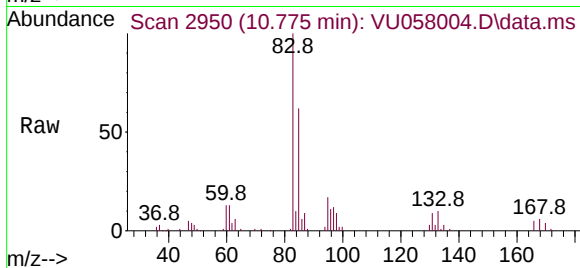
Tgt Ion: 83 Resp: 41829

Ion Ratio Lower Upper

83 100

85 62.4 44.0 81.6

131 8.6 6.9 10.3



#59

Bromoform

Concen: 5.791 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

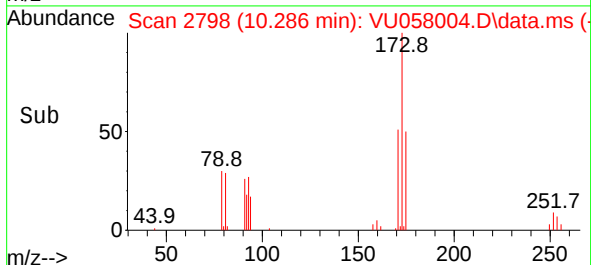
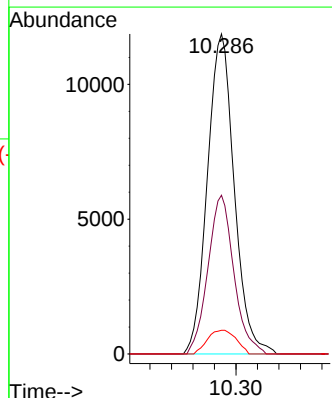
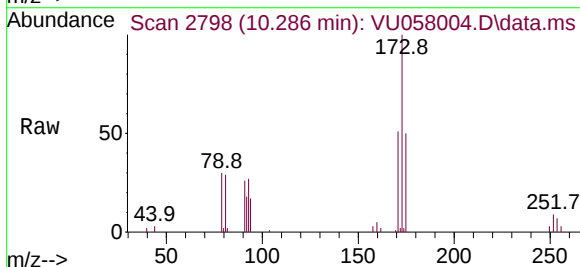
Tgt Ion:173 Resp: 20564

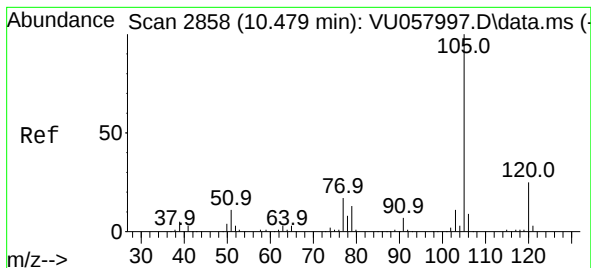
Ion Ratio Lower Upper

173 100

175 47.9 38.6 57.8

254 7.9 7.3 10.9





#60

Isopropylbenzene

Concen: 5.322 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

Instrument :

MSVOA_U

ClientSampleId :

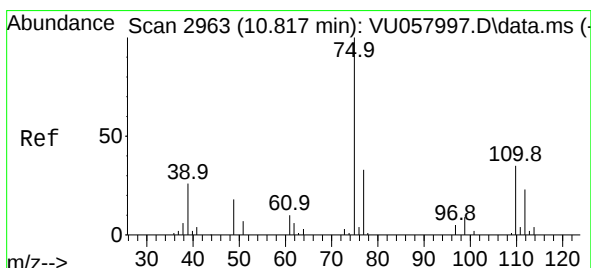
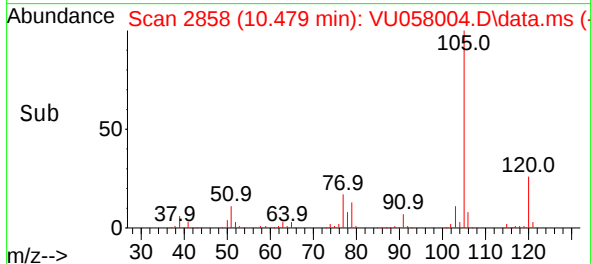
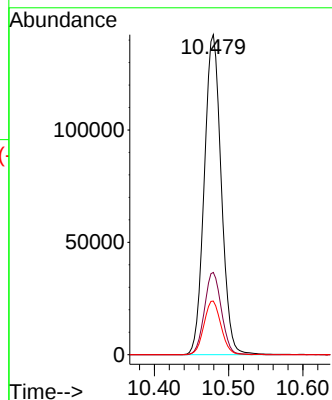
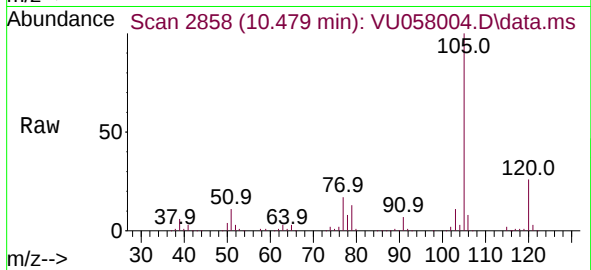
Tgt Ion:105 Resp: 225681

Ion Ratio Lower Upper

105 100

120 25.8 20.4 30.6

77 16.9 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.668 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

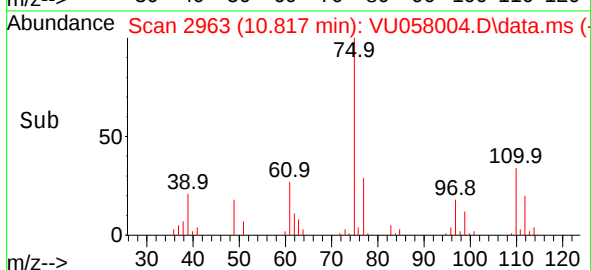
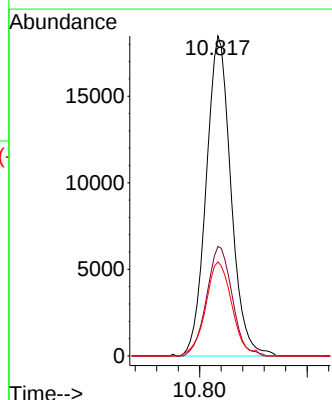
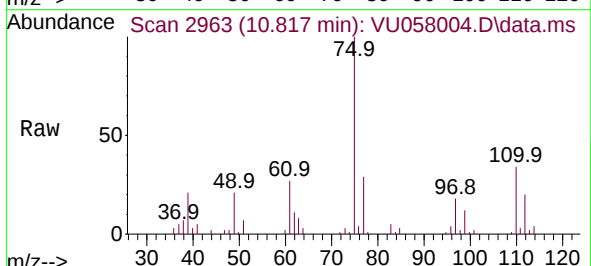
Tgt Ion: 75 Resp: 29559

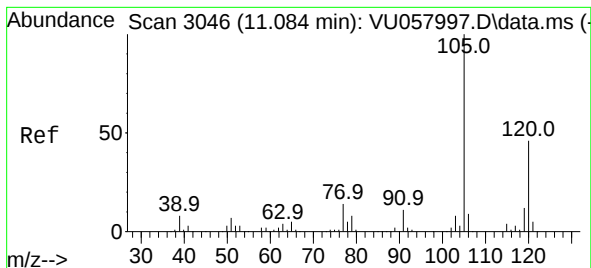
Ion Ratio Lower Upper

75 100

110 35.2 28.0 42.0

77 31.1 24.7 37.1





#62

1,3,5-Trimethylbenzene

Concen: 5.328 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

Instrument :

MSVOA_U

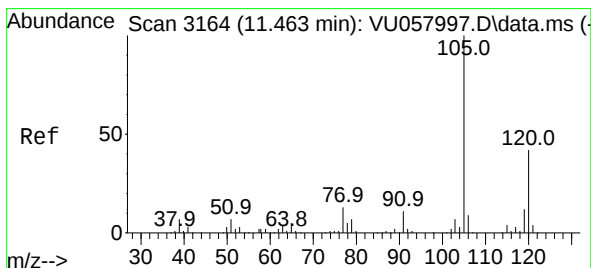
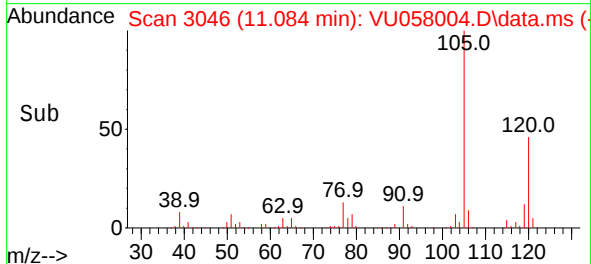
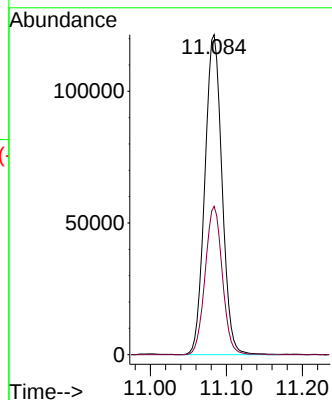
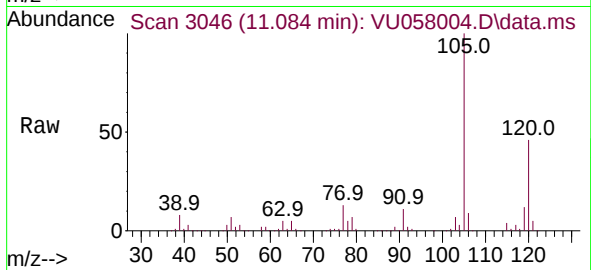
ClientSampleId :

Tgt Ion:105 Resp: 190559

Ion Ratio Lower Upper

105 100

120 46.3 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 5.448 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058004.D

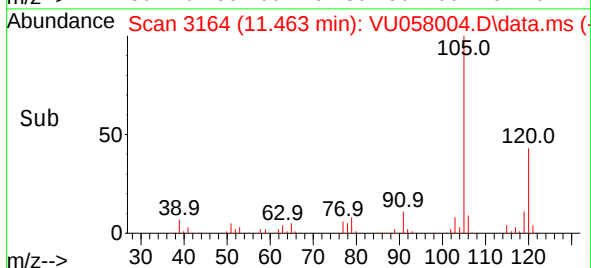
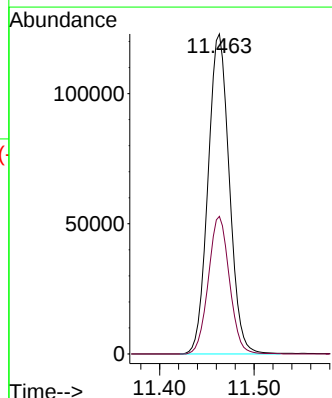
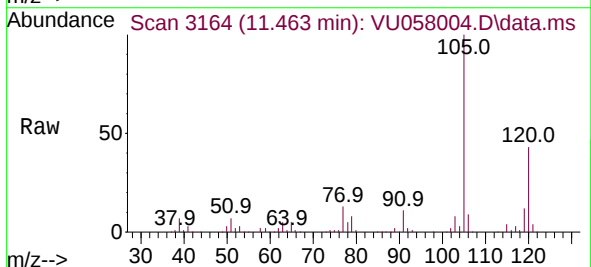
Acq: 08 Mar 2024 08:58

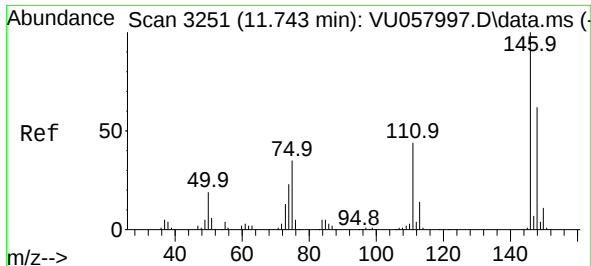
Tgt Ion:105 Resp: 192293

Ion Ratio Lower Upper

105 100

120 42.5 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 5.332 ug/L

RT: 11.740 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

Instrument :

MSVOA_U

ClientSampleId :

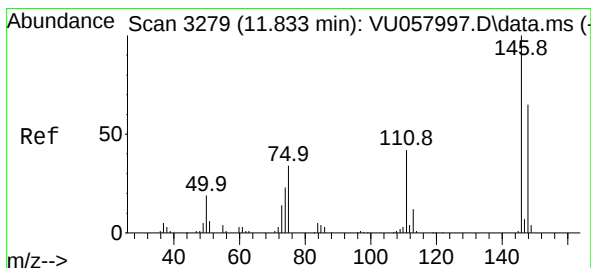
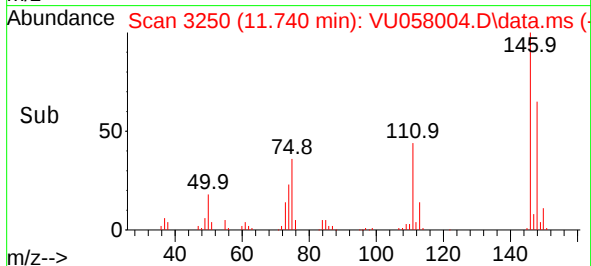
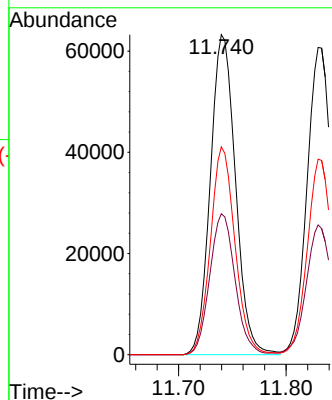
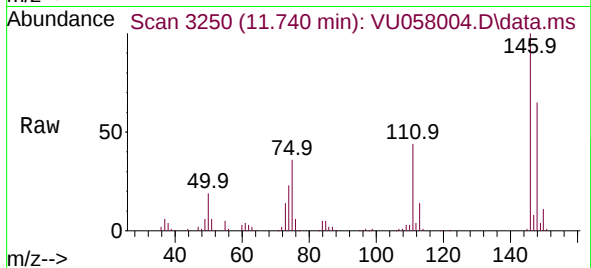
Tgt Ion:146 Resp: 102776

Ion Ratio Lower Upper

146 100

111 44.1 30.9 57.5

148 65.0 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 5.305 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.003 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

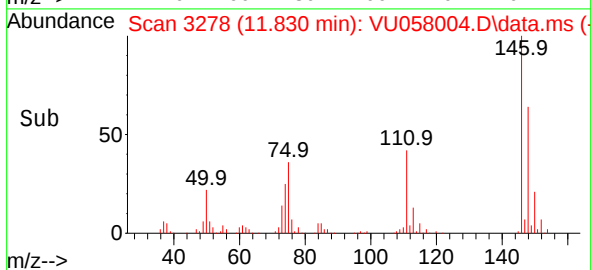
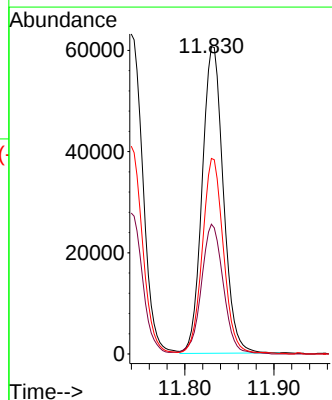
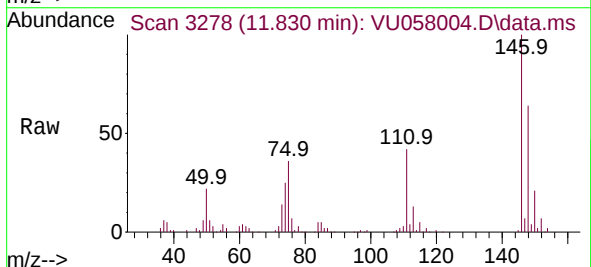
Tgt Ion:146 Resp: 100085

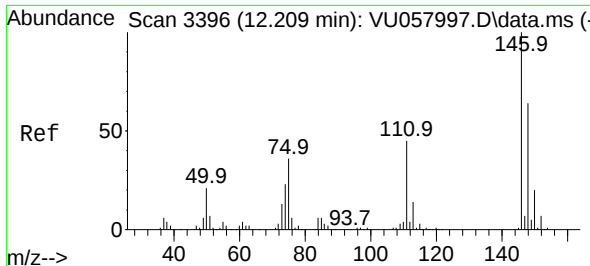
Ion Ratio Lower Upper

146 100

111 42.3 30.1 55.9

148 63.6 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 5.467 ug/L

RT: 12.206 min Scan# 3396

Delta R.T. -0.003 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

Instrument :

MSVOA_U

ClientSampleId :

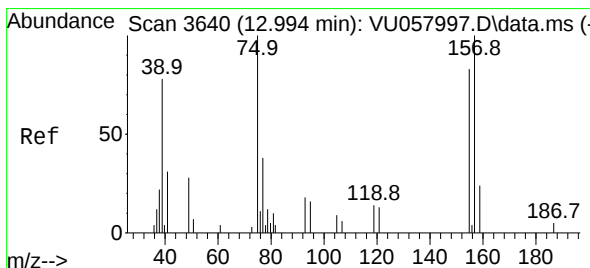
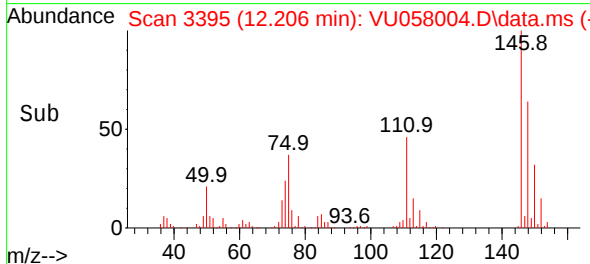
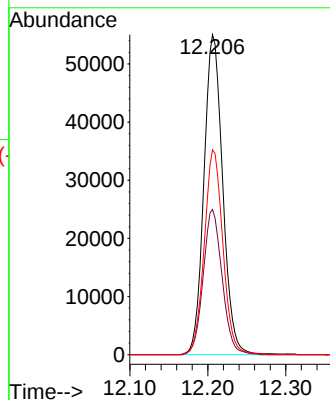
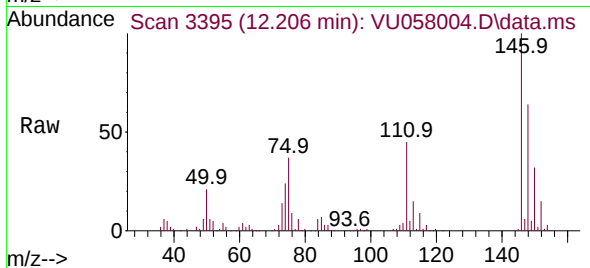
Tgt Ion:146 Resp: 91990

Ion Ratio Lower Upper

146 100

111 45.4 37.4 56.0

148 64.0 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.648 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

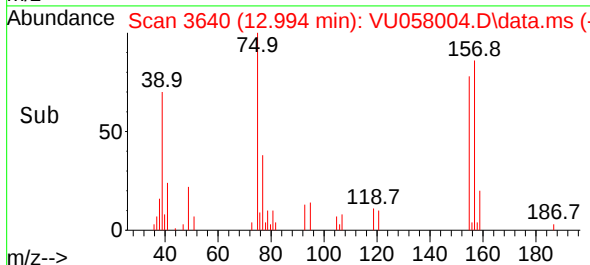
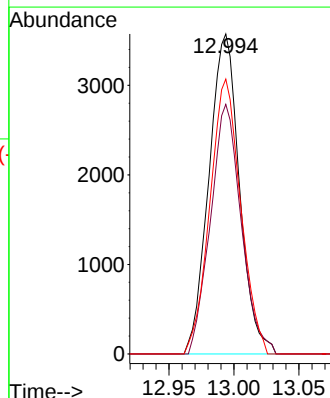
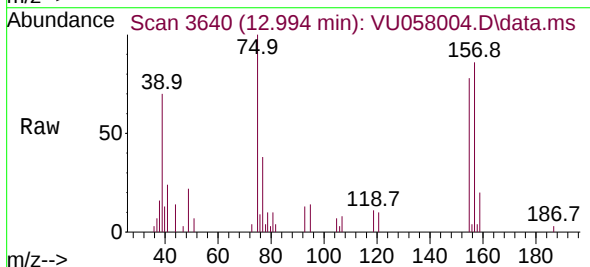
Tgt Ion: 75 Resp: 5844

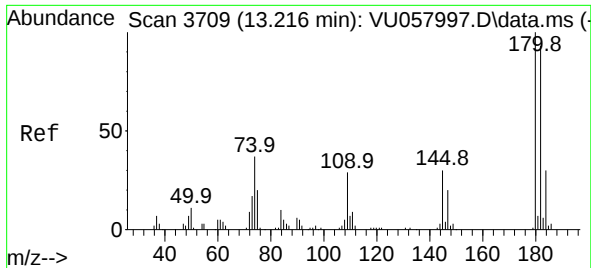
Ion Ratio Lower Upper

75 100

155 78.0 61.0 91.6

157 85.9 74.6 112.0





#69

1,3,5-Trichlorobenzene

Concen: 5.315 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

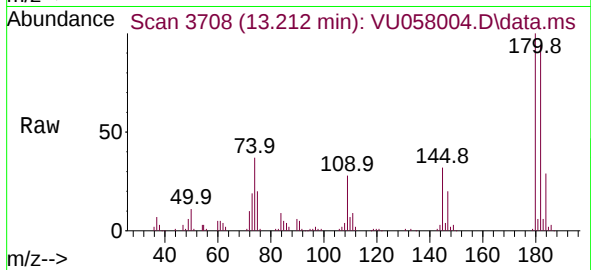
Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 73687

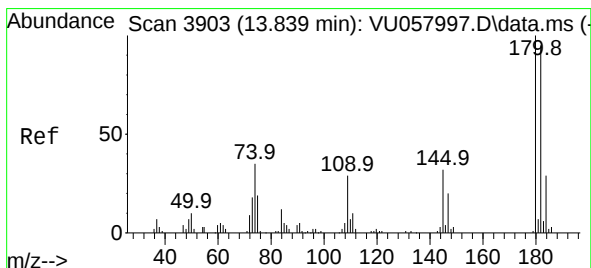
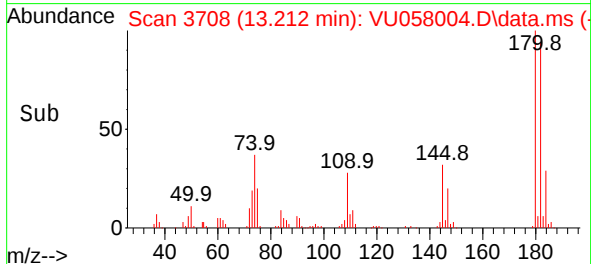
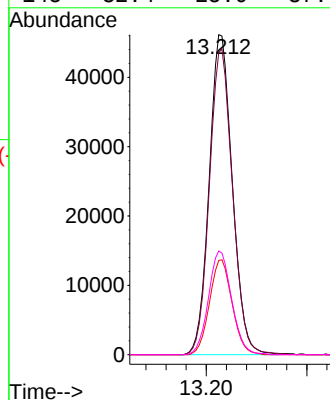
Ion Ratio Lower Upper

180 100

182 95.7 76.3 114.5

184 28.9 24.6 36.8

145 32.4 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 5.143 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.003 min

Lab File: VU058004.D

Acq: 08 Mar 2024 08:58

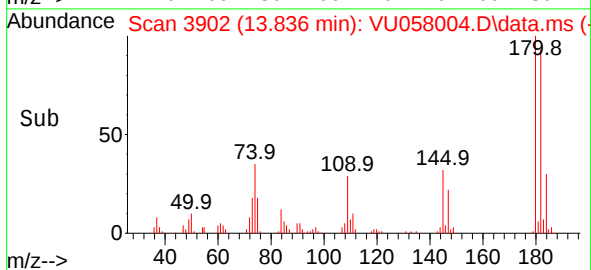
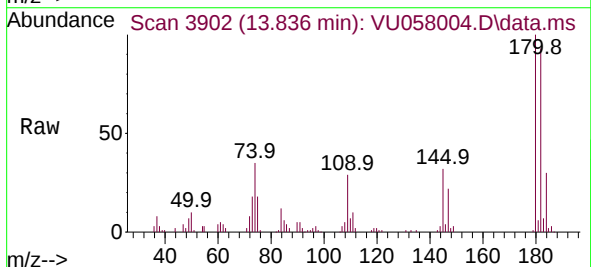
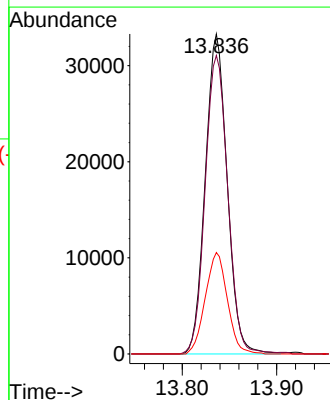
Tgt Ion:180 Resp: 53572

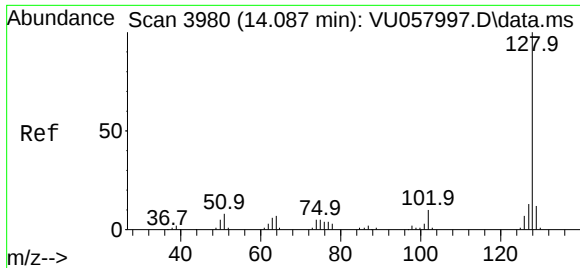
Ion Ratio Lower Upper

180 100

182 96.2 77.9 116.9

145 32.0 25.8 38.8

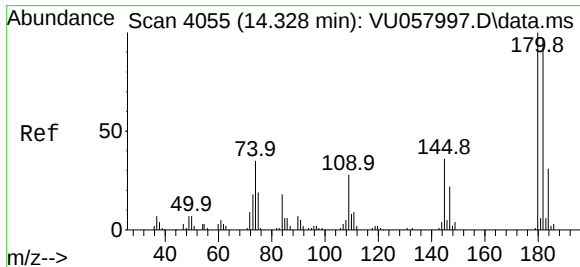
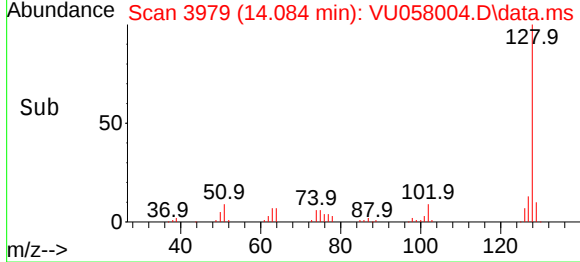
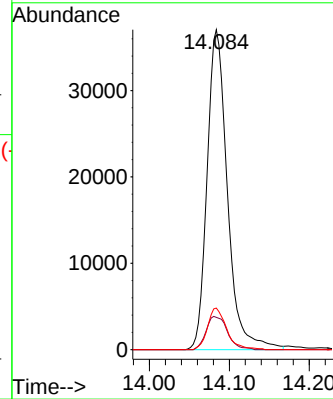
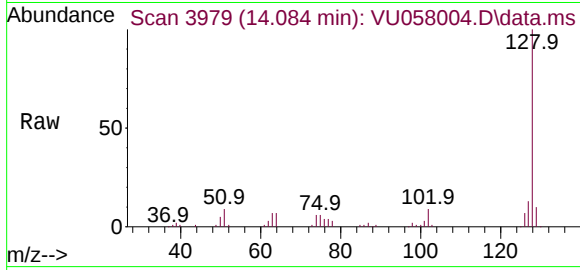




#71
Naphthalene
Concen: 4.612 ug/L
RT: 14.084 min Scan# 3980
Delta R.T. -0.003 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 65606
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.3 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.030 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VU058004.D
Acq: 08 Mar 2024 08:58

Tgt Ion:180 Resp: 41390
Ion Ratio Lower Upper
180 100
182 95.7 77.6 116.4
145 34.8 28.7 43.1

