

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022924\
 Data File : VU057972.D
 Acq On : 29 Feb 2024 13:49
 Operator : MD/SY
 Sample : P1601-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 01 05:26:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 05:18:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151109	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143991	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	55811	5.133	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 102.600%	
7) Chloroethane-d5	1.907	69	46382	5.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 103.800%	
11) 1,1-Dichloroethene-d2	2.560	65	24863	5.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 105.600%	
20) 2-Butanone-d5	4.612	46	102253	57.081	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 114.160%	
24) Chloroform-d	5.052	84	106041	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.200%	
26) 1,2-Dichloroethane-d4	5.695	65	52343	5.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 112.400%	
32) Benzene-d6	5.721	84	216735	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.400%	
36) 1,2-Dichloropropane-d6	6.682	67	67758	5.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 106.200%	
41) Toluene-d8	7.891	98	193159	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 101.600%	
43) trans-1,3-Dichloroprop...	8.177	79	21908	4.994	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 99.800%	
46) 2-Hexanone-d5	8.627	63	83182	56.478	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 112.960%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	41539	5.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 106.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	60090	5.375	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 107.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	1982	0.216	ug/L	99
3) Chloromethane	1.515	50	2493	0.233	ug/L	96
5) Vinyl chloride	1.599	62	2895	0.251	ug/L #	63
6) Bromomethane	1.850	94	1463	0.241	ug/L	98
8) Chloroethane	1.927	64	1734	0.239	ug/L	97
9) Trichlorofluoromethane	2.133	101	3946	0.241	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	2913	0.284	ug/L #	80
12) 1,1-Dichloroethene	2.576	96	2493	0.273	ug/L #	1
14) Carbon disulfide	2.785	76	7181	0.255	ug/L	97
16) Methylene chloride	3.036	84	5509	0.497	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	5067	0.235	ug/L #	88
18) trans-1,2-Dichloroethene	3.348	96	2071	0.209	ug/L	83
19) 1,1-Dichloroethane	3.869	63	4692	0.237	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	2681	0.245	ug/L	96
25) Chloroform	5.078	83	4292	0.212	ug/L	83
27) 1,2-Dichloroethane	5.792	62	2760	0.246	ug/L #	76
30) Cyclohexane	5.377	56	3642	0.210	ug/L	98
31) Carbon tetrachloride	5.518	117	3141	0.211	ug/L	92
33) Benzene	5.769	78	10026	0.227	ug/L	100

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 Response via : Initial Calibration

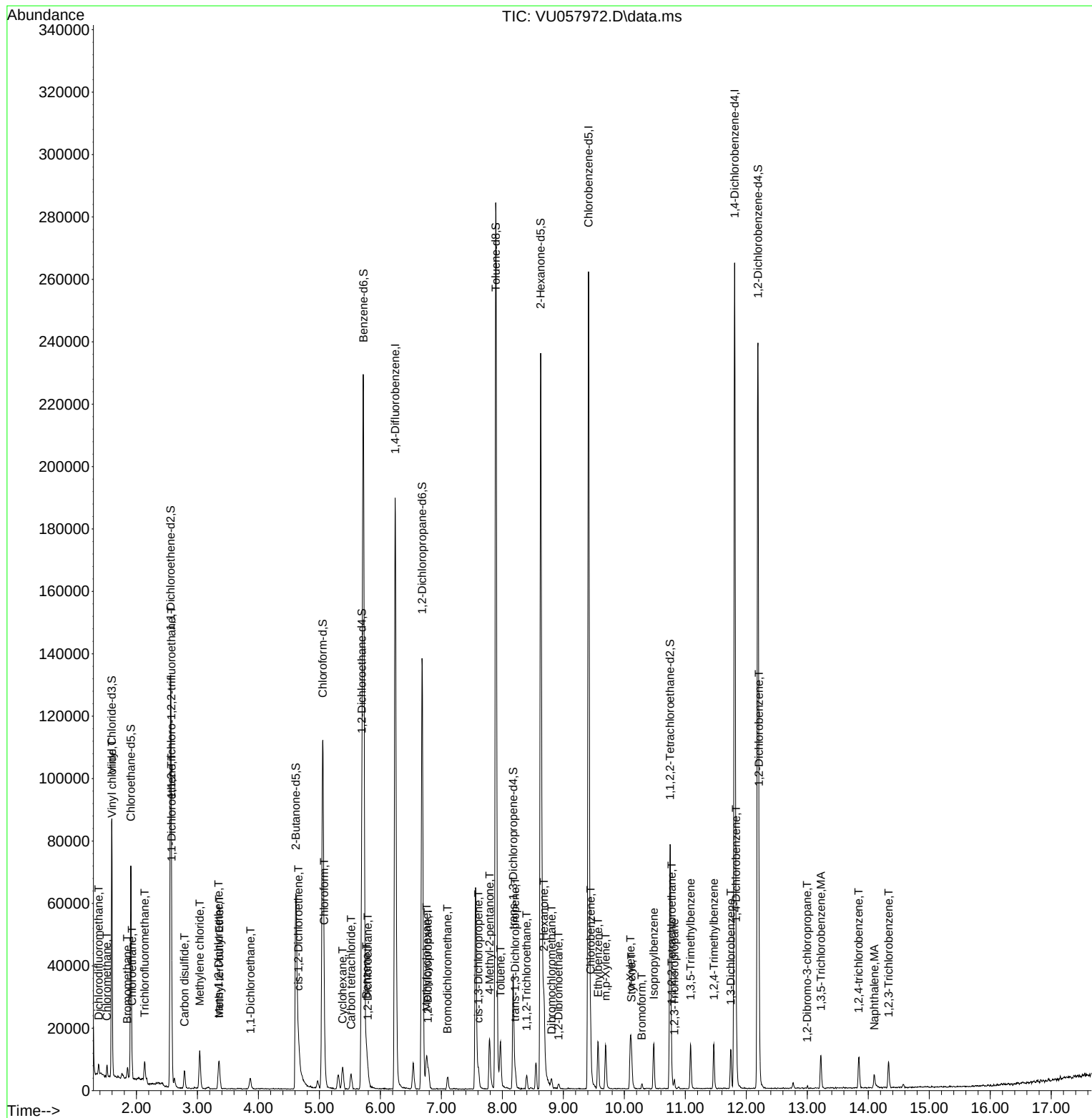
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Methylcyclohexane	6.759	83	3968	0.223	ug/L	95
37) 1,2-Dichloropropane	6.779	63	2682	0.235	ug/L #	89
38) Bromodichloromethane	7.097	83	3070	0.222	ug/L #	95
39) cis-1,3-Dichloropropene	7.605	75	3914	0.249	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	12609	2.406	ug/L #	85
42) Toluene	7.968	91	10451	0.227	ug/L	95
44) trans-1,3-Dichloropropene	8.206	75	2923	0.234	ug/L	83
45) 1,1,2-Trichloroethane	8.396	97	1567	0.232	ug/L	85
48) 2-Hexanone	8.682	43	15214	3.958	ug/L #	97
49) Dibromochloromethane	8.804	129	1584	0.198	ug/L	77
50) 1,2-Dibromoethane	8.920	107	1405	0.234	ug/L #	96
51) Chlorobenzene	9.447	112	6946	0.241	ug/L	100
52) Ethylbenzene	9.566	91	11700	0.227	ug/L	93
53) m,p-Xylene	9.692	106	4296	0.234	ug/L	85
54) o-Xylene	10.100	106	4008	0.219	ug/L	92
55) Styrene	10.116	104	6238	0.217	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.775	83	1942	0.244	ug/L #	97
59) Bromoform	10.283	173	814	0.215	ug/L #	86
60) Isopropylbenzene	10.483	105	10109	0.224	ug/L	97
61) 1,2,3-Trichloropropane	10.820	75	1366	0.246	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	8145	0.214	ug/L	93
63) 1,2,4-Trimethylbenzene	11.467	105	8032	0.213	ug/L	93
64) 1,3-Dichlorobenzene	11.746	146	5216	0.254	ug/L	94
65) 1,4-Dichlorobenzene	11.833	146	5989	0.298	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	4889	0.273	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.997	75	205	0.186	ug/L #	37
69) 1,3,5-Trichlorobenzene	13.222	180	4080	0.276	ug/L #	91
70) 1,2,4-trichlorobenzene	13.843	180	3666	0.330	ug/L	97
71) Naphthalene	14.097	128	5658	0.373	ug/L #	92
72) 1,2,3-Trichlorobenzene	14.331	180	2959	0.337	ug/L	98

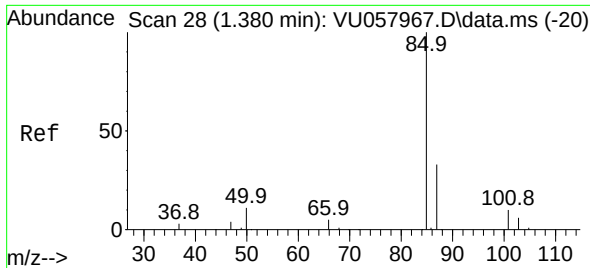
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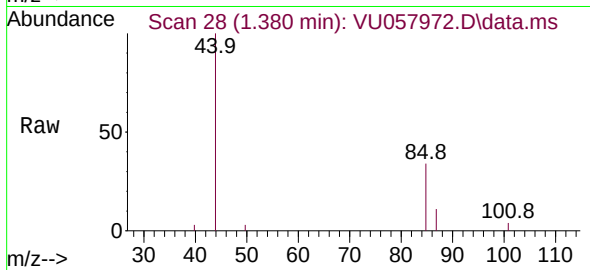
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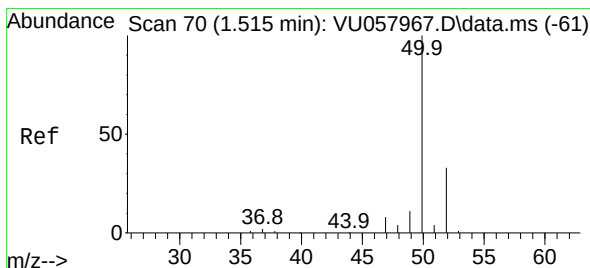
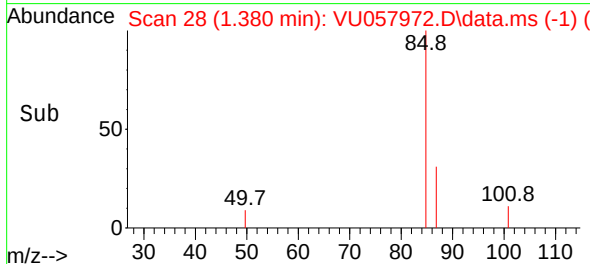
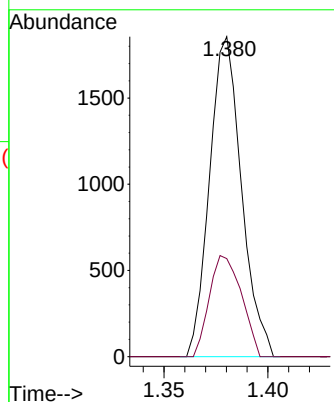


#2
 Dichlorodifluoromethane
 Concen: 0.216 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU057972.D
 Acq: 29 Feb 2024 13:49

Instrument :
 MSVOA_U
 ClientSampleId :

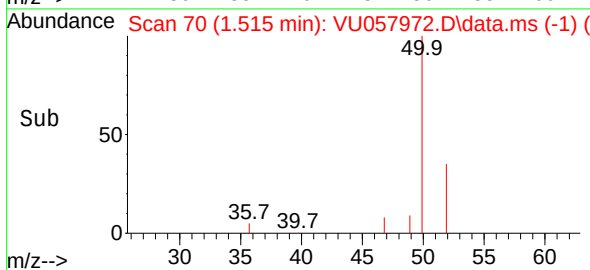
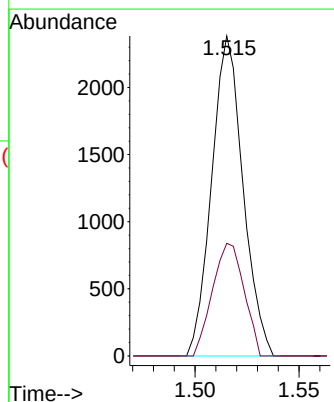
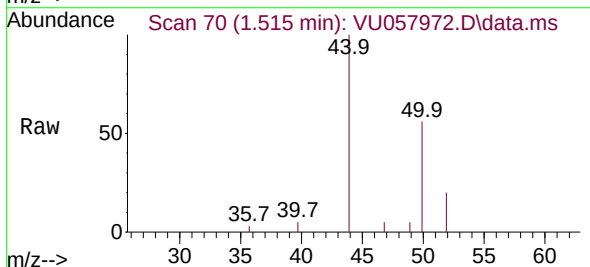


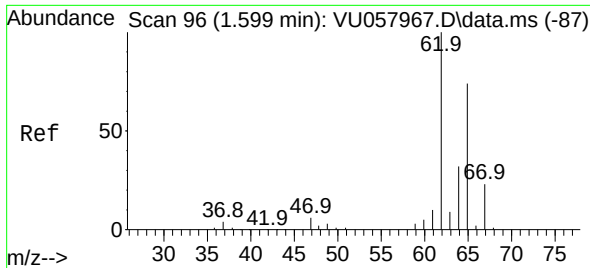
Tgt Ion: 85 Resp: 1982
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.8 38.6



#3
 Chloromethane
 Concen: 0.233 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU057972.D
 Acq: 29 Feb 2024 13:49

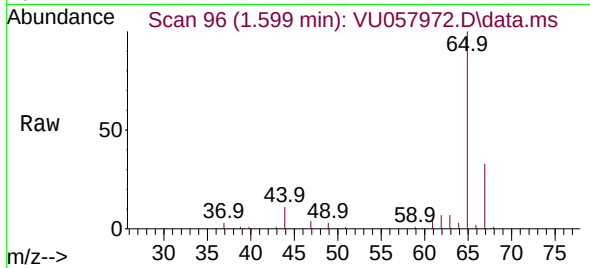
Tgt Ion: 50 Resp: 2493
 Ion Ratio Lower Upper
 50 100
 52 35.2 23.1 42.9



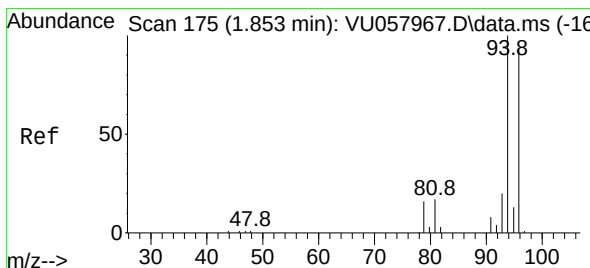
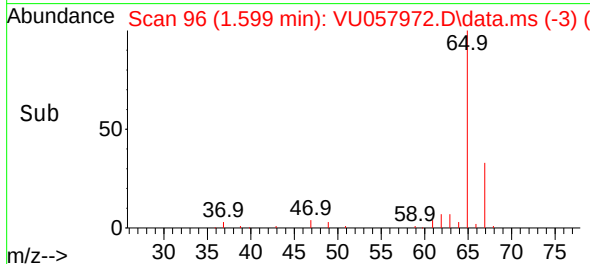
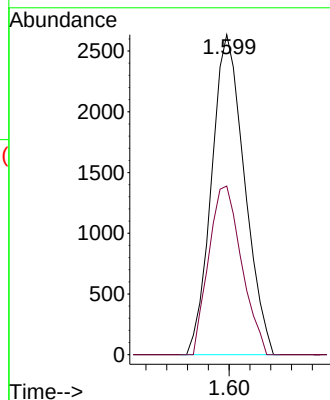


#5
 Vinyl chloride
 Concen: 0.251 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU057972.D
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 ClientSampleId :

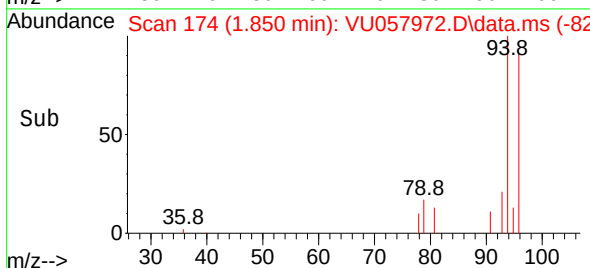
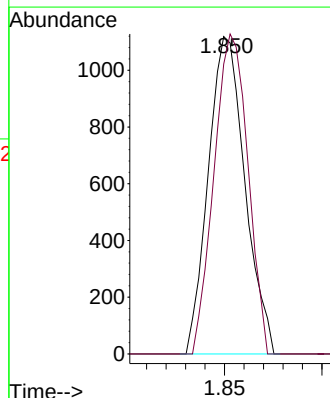
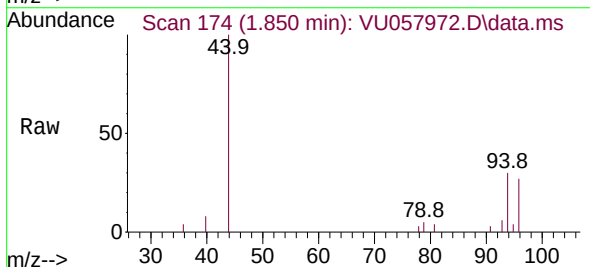


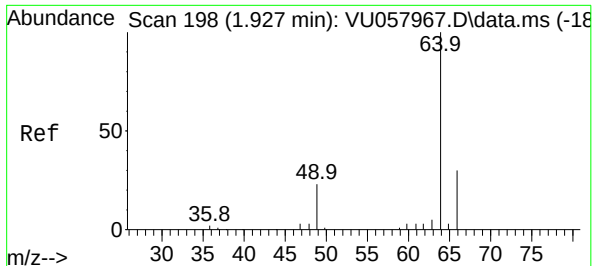
Tgt Ion: 62 Resp: 2895
 Ion Ratio Lower Upper
 62 100
 64 52.7 22.5 41.7#



#6
 Bromomethane
 Concen: 0.241 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU057972.D
 Acq: 29 Feb 2024 13:49

Tgt Ion: 94 Resp: 1463
 Ion Ratio Lower Upper
 94 100
 96 91.3 65.2 121.2

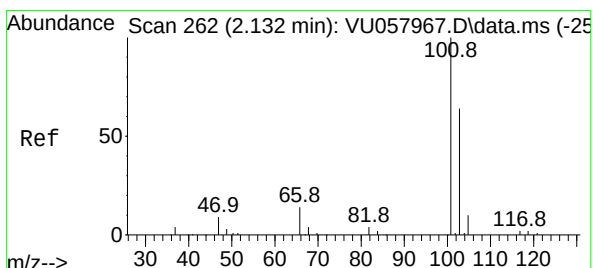
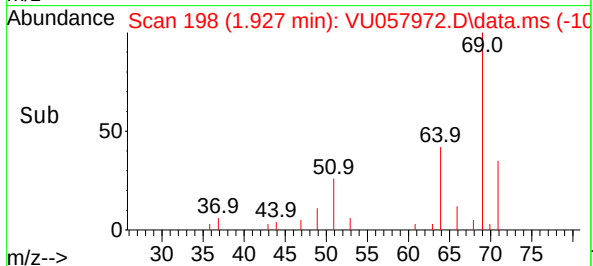
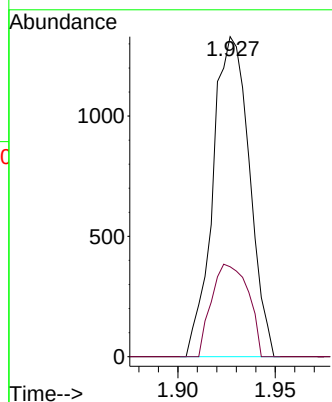
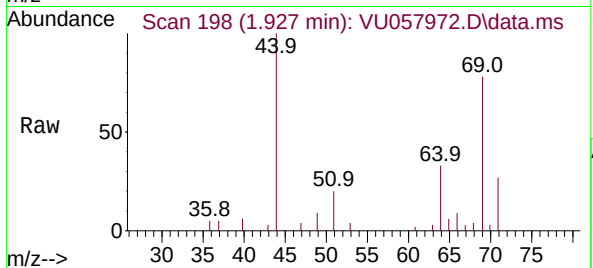




#8
Chloroethane
Concen: 0.239 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

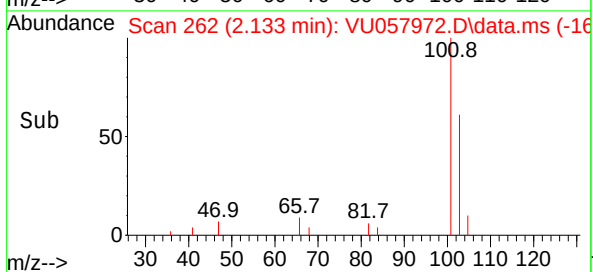
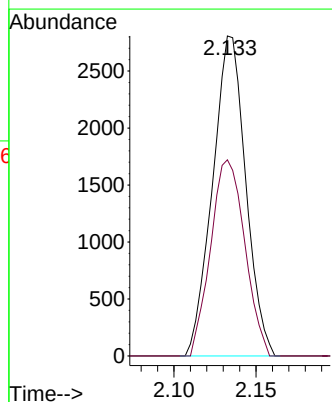
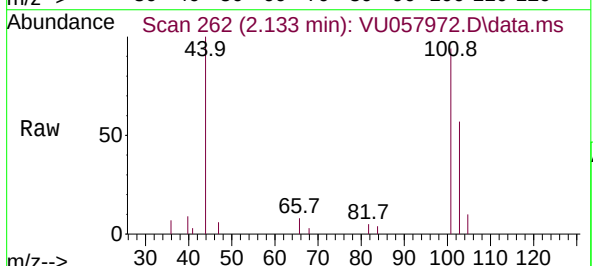
Instrument :
MSVOA_U
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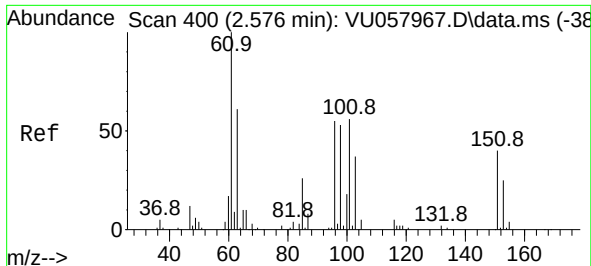
Tgt Ion: 64 Resp: 1734
Ion Ratio Lower Upper
64 100
66 28.1 20.9 38.9



#9
Trichlorofluoromethane
Concen: 0.241 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Tgt Ion:101 Resp: 3946
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.2

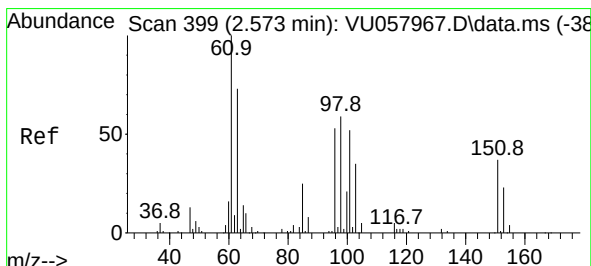
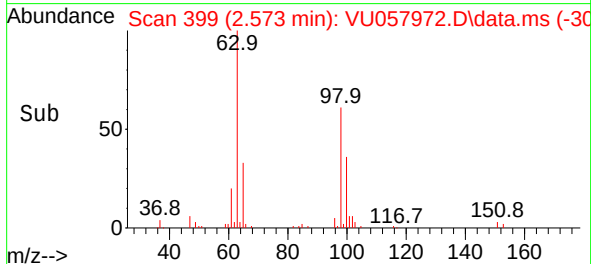
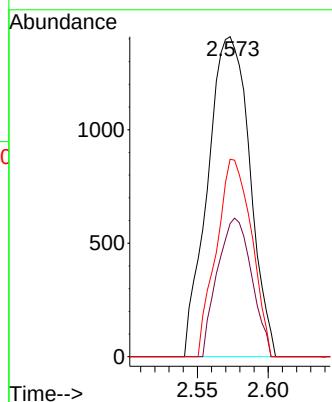
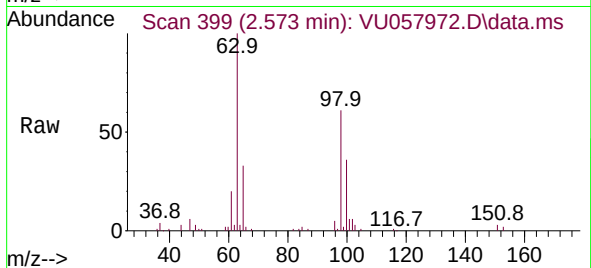




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.284 ug/L
 RT: 2.573 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VU057972.D
 Acq: 29 Feb 2024 13:49

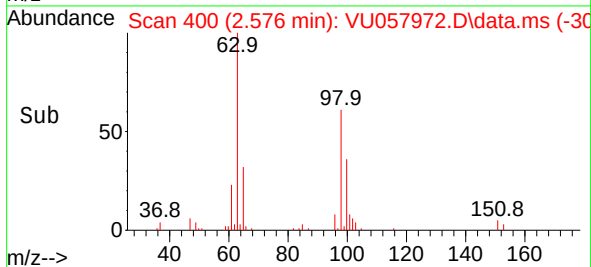
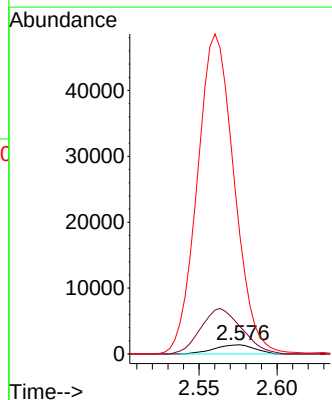
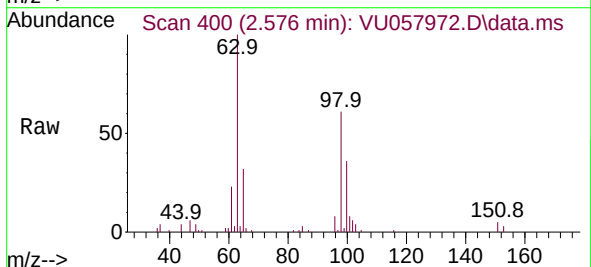
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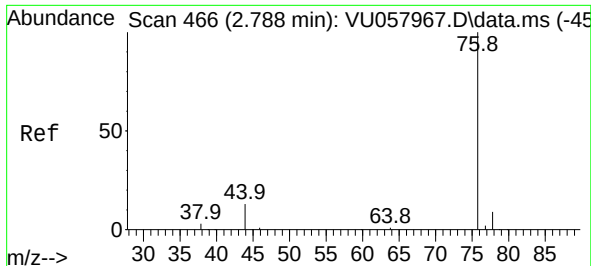
Tgt Ion:101 Resp: 2913
 Ion Ratio Lower Upper
 101 100
 85 35.2 37.3 55.9#
 151 51.6 56.0 84.0#



#12
 1,1-Dichloroethene
 Concen: 0.273 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU057972.D
 Acq: 29 Feb 2024 13:49

Tgt Ion: 96 Resp: 2493
 Ion Ratio Lower Upper
 96 100
 61 301.5 131.8 244.8#
 63 1292.0 98.1 182.1#

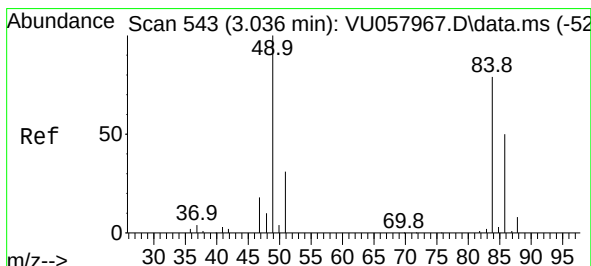
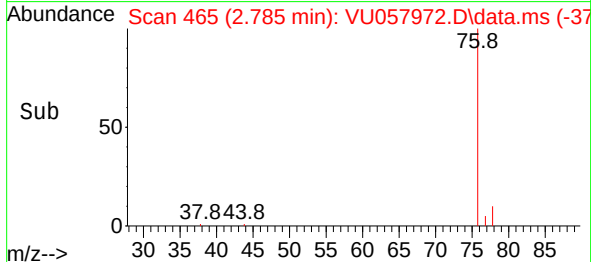
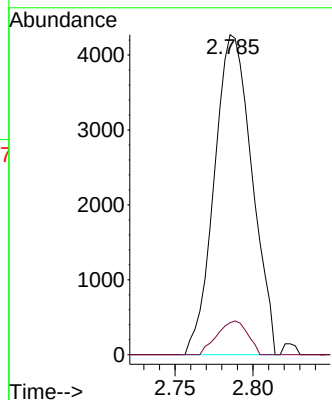
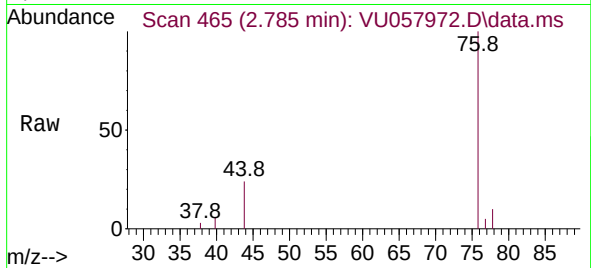




#14
Carbon disulfide
Concen: 0.255 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

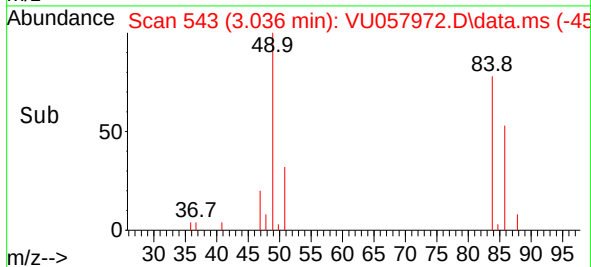
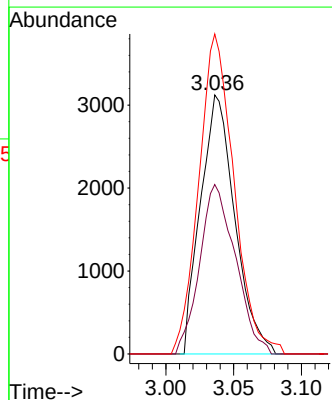
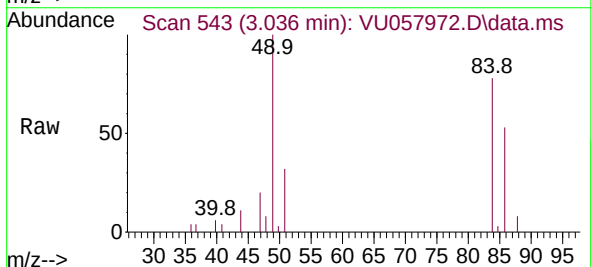
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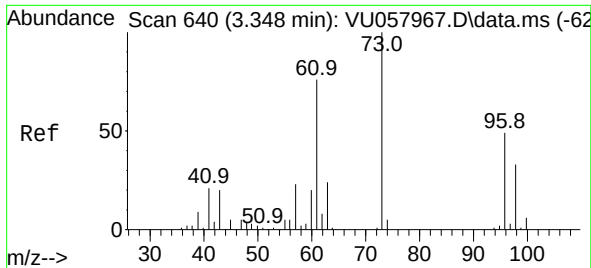
Tgt Ion: 76 Resp: 7181
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#16
Methylene chloride
Concen: 0.497 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
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Tgt Ion: 84 Resp: 5509
Ion Ratio Lower Upper
84 100
86 65.4 44.4 82.4
49 127.0 88.8 165.0

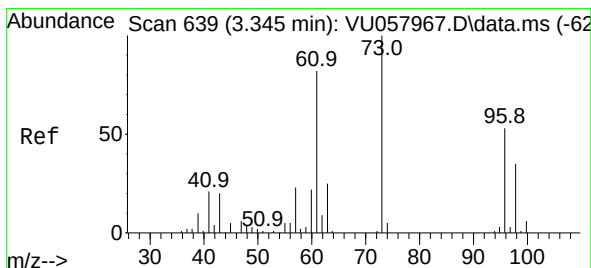
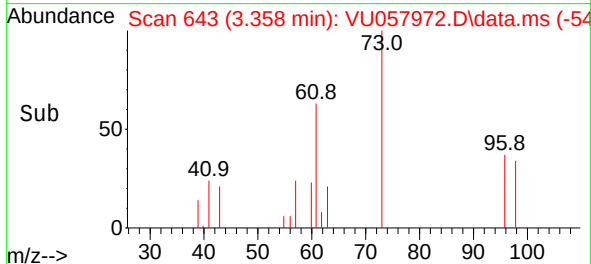
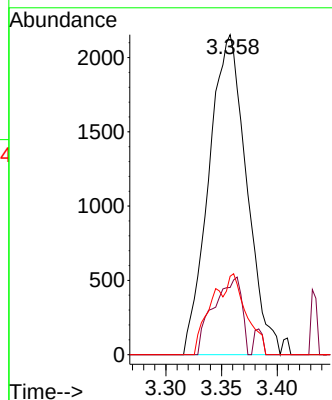
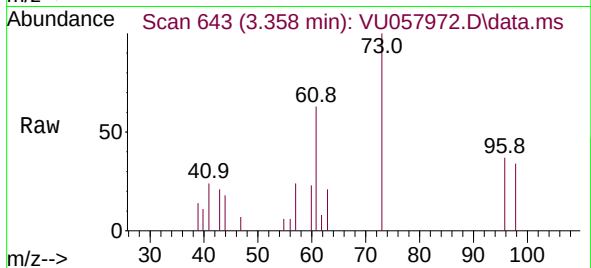




#17
Methyl tert-butyl Ether
Concen: 0.235 ug/L
RT: 3.358 min Scan# 640
Delta R.T. 0.010 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

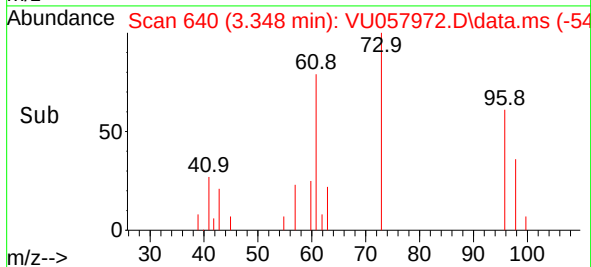
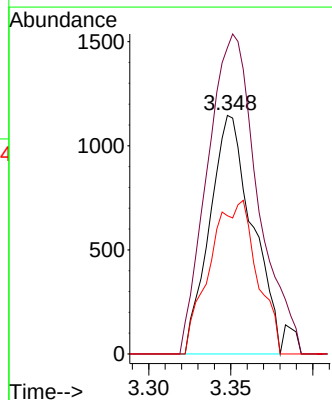
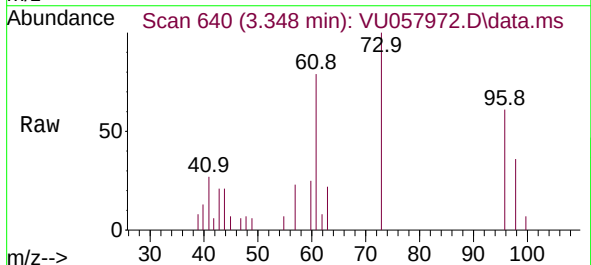
Instrument :
MSVOA_U
ClientSampleId :

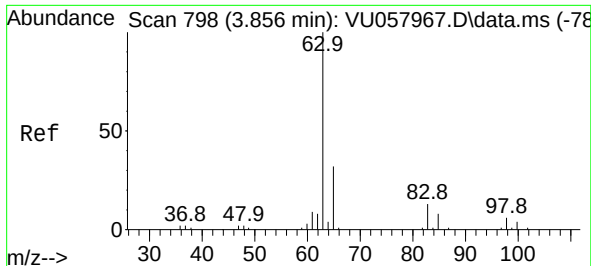
Tgt Ion: 73 Resp: 5067
Ion Ratio Lower Upper
73 100
43 18.1 16.2 24.4
57 13.5 17.9 26.9#



#18
trans-1,2-Dichloroethene
Concen: 0.209 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Tgt Ion: 96 Resp: 2071
Ion Ratio Lower Upper
96 100
61 128.4 107.7 199.9
98 57.9 45.8 85.0





#19

1,1-Dichloroethane

Concen: 0.237 ug/L

RT: 3.869 min Scan# 802

Delta R.T. 0.013 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

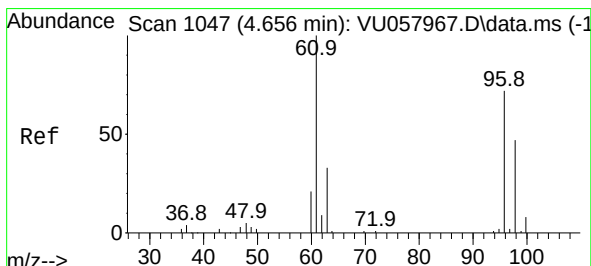
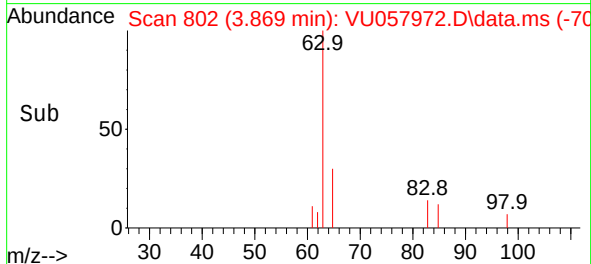
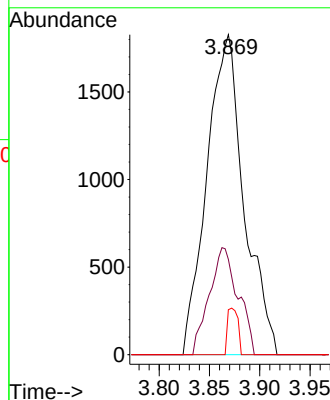
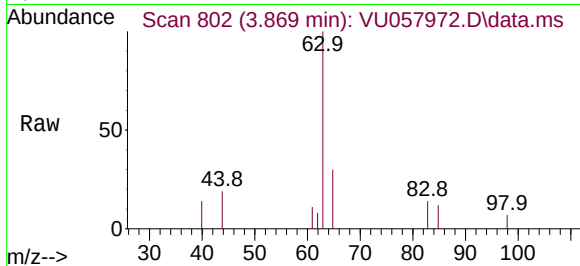
Tgt Ion: 63 Resp: 4692

Ion Ratio Lower Upper

63 100

65 29.8 22.1 41.1

83 14.1 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 0.245 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

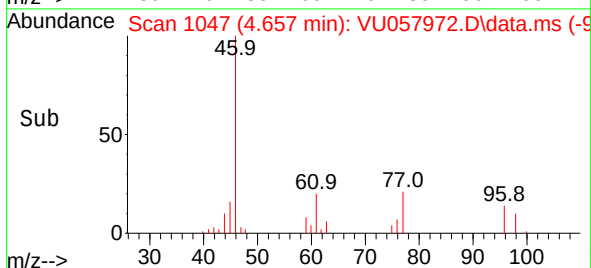
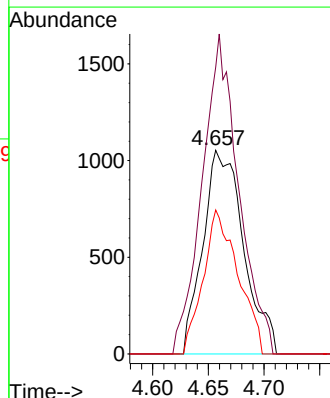
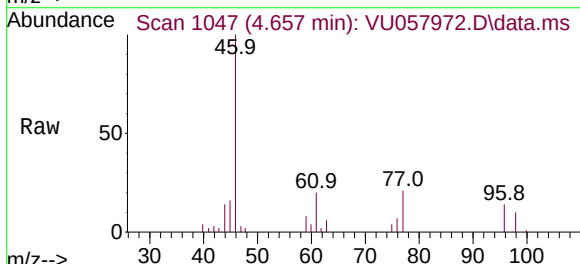
Tgt Ion: 96 Resp: 2681

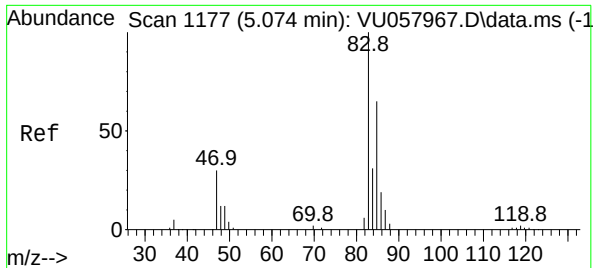
Ion Ratio Lower Upper

96 100

61 140.9 97.2 180.4

98 70.8 45.5 84.5

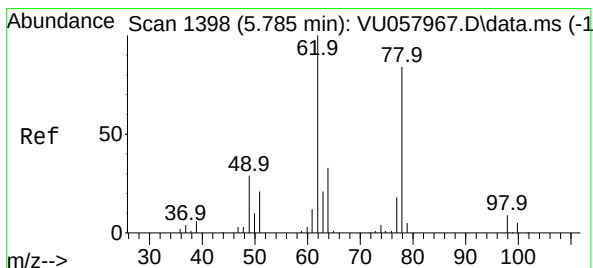
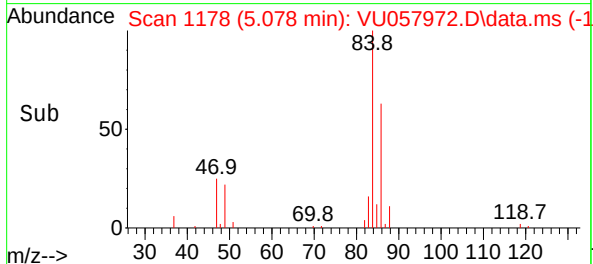
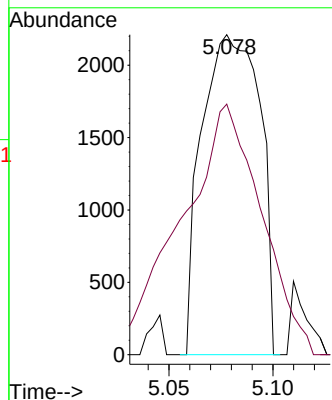
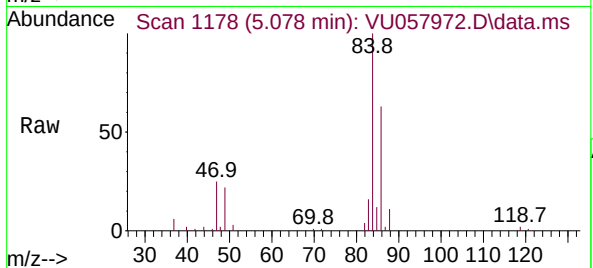




#25
Chloroform
Concen: 0.212 ug/L
RT: 5.078 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

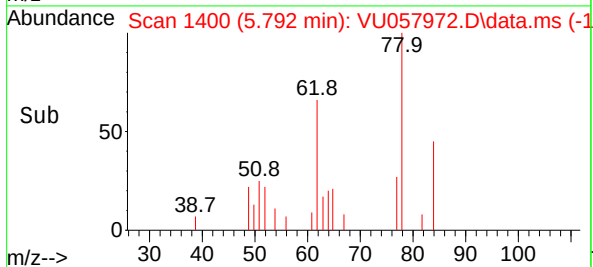
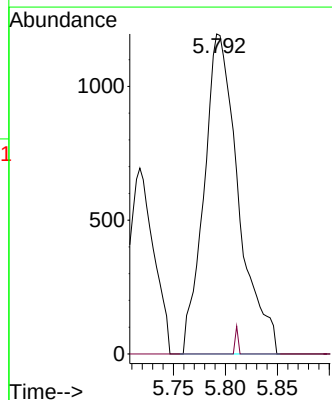
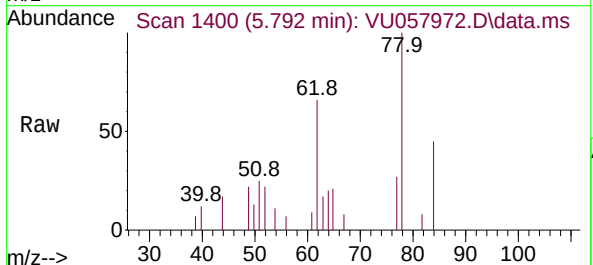
Instrument :
MSVOA_U
ClientSampleId :

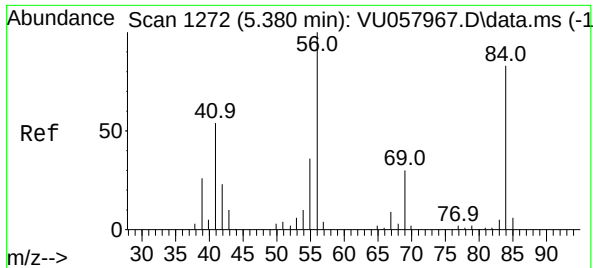
Tgt Ion: 83 Resp: 4292
Ion Ratio Lower Upper
83 100
85 78.3 45.4 84.4



#27
1,2-Dichloroethane
Concen: 0.246 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.007 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Tgt Ion: 62 Resp: 2760
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#





#30

Cyclohexane

Concen: 0.210 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

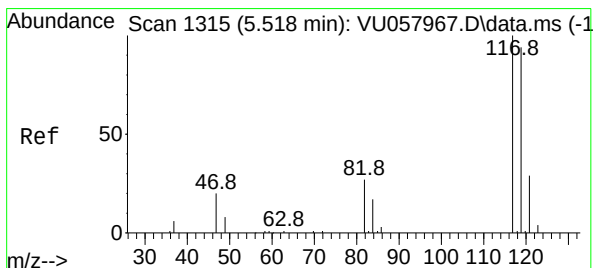
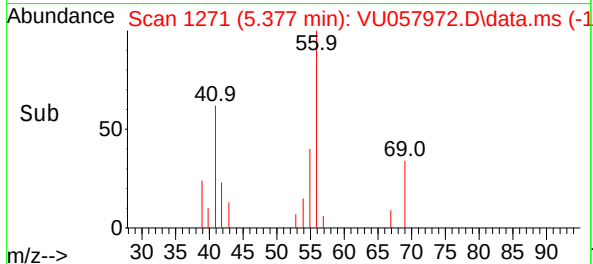
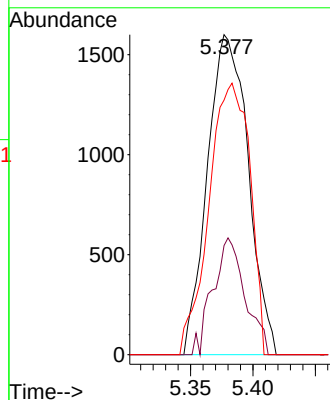
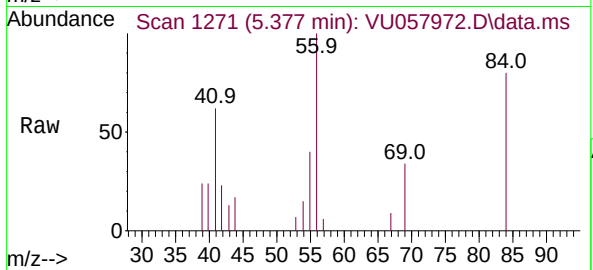
Tgt Ion: 56 Resp: 3642

Ion Ratio Lower Upper

56 100

69 28.9 24.2 36.2

84 85.2 66.6 99.8



#31

Carbon tetrachloride

Concen: 0.211 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VU057972.D

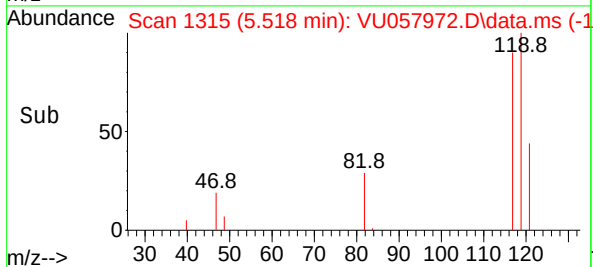
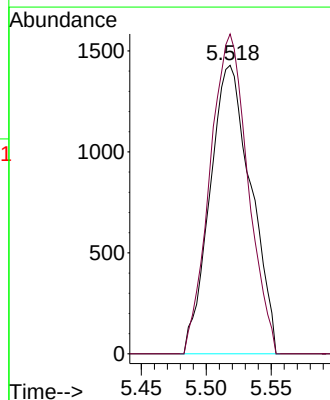
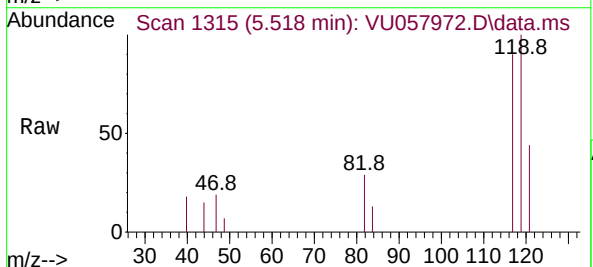
Acq: 29 Feb 2024 13:49

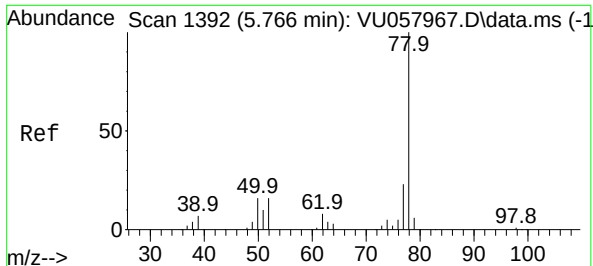
Tgt Ion: 117 Resp: 3141

Ion Ratio Lower Upper

117 100

119 102.5 75.8 113.8





#33

Benzene

Concen: 0.227 ug/L

RT: 5.769 min Scan# 14

Delta R.T. 0.003 min

Lab File: VU057972.D

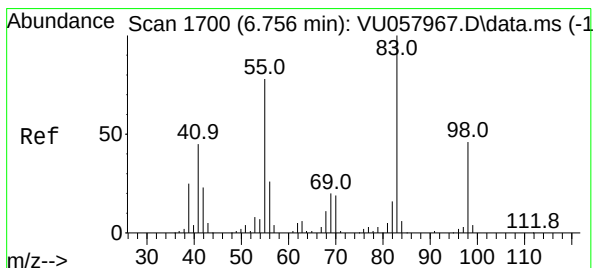
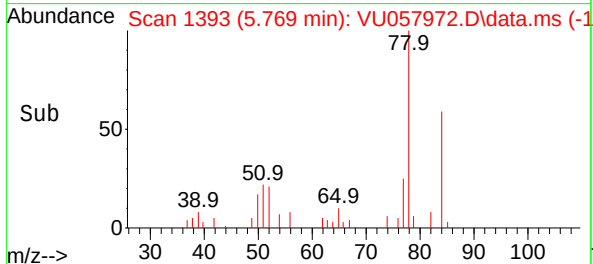
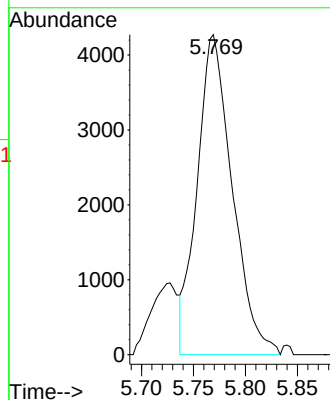
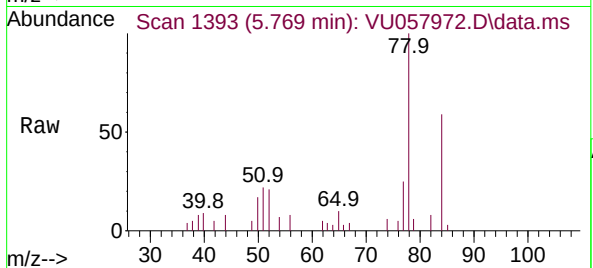
Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 10026



#35

Methylcyclohexane

Concen: 0.223 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

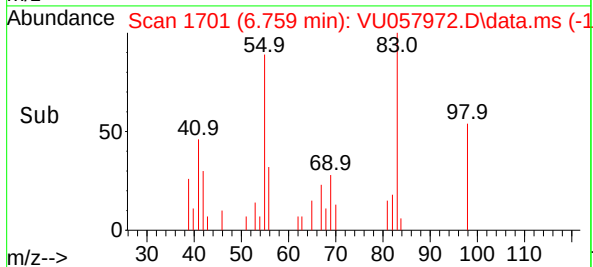
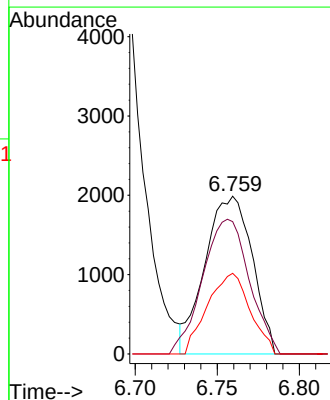
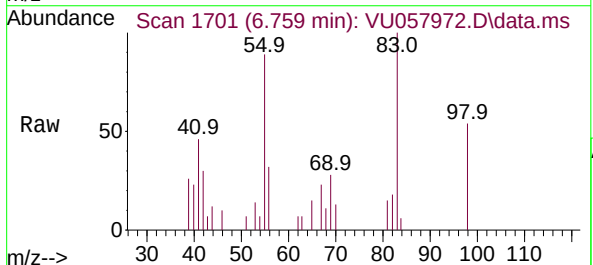
Tgt Ion: 83 Resp: 3968

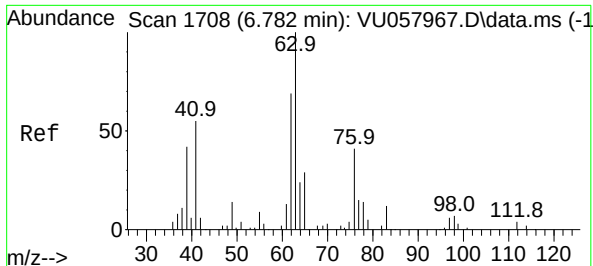
Ion Ratio Lower Upper

83 100

55 84.6 63.0 94.6

98 46.1 36.2 54.4

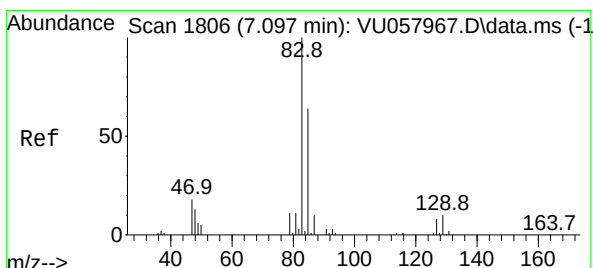
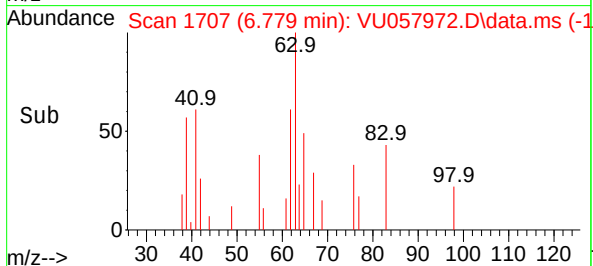
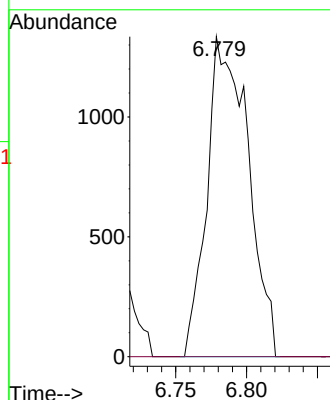
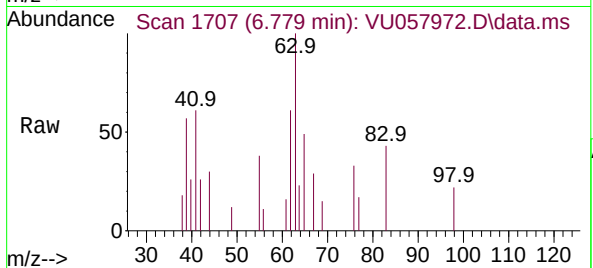




#37
1,2-Dichloropropane
Concen: 0.235 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

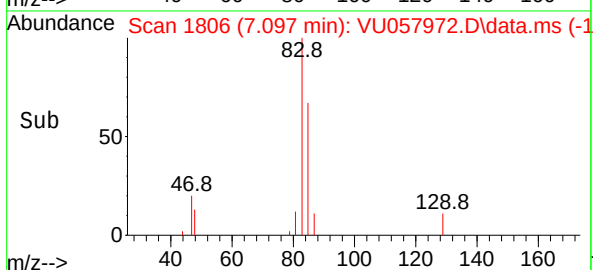
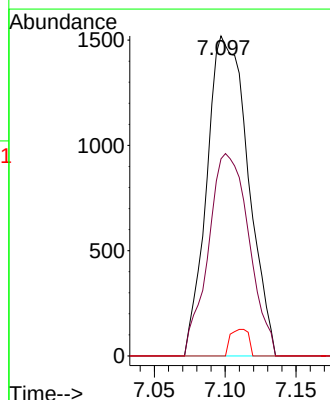
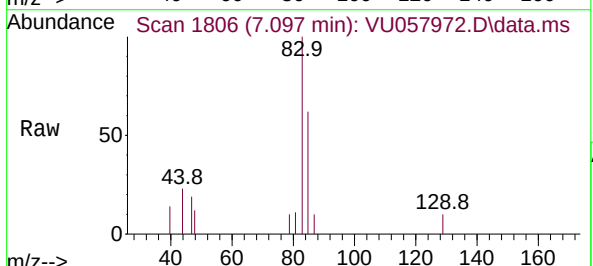
Instrument :
MSVOA_U
ClientSampleId :

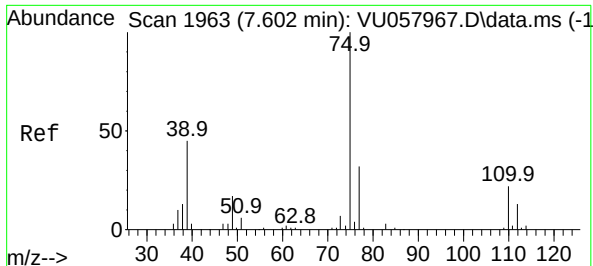
Tgt Ion: 63 Resp: 2682
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#38
Bromodichloromethane
Concen: 0.222 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Tgt Ion: 83 Resp: 3070
Ion Ratio Lower Upper
83 100
85 61.6 44.5 82.7
127 0.0 6.6 9.8#

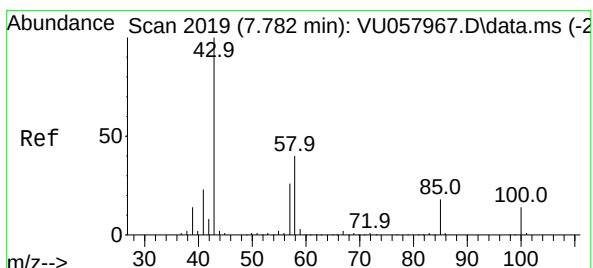
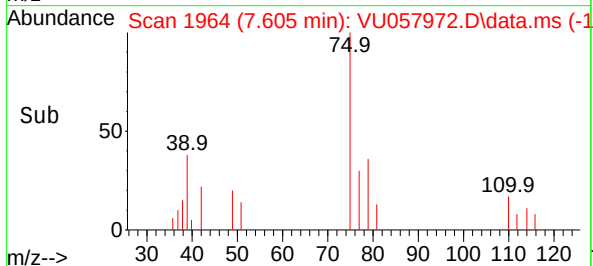
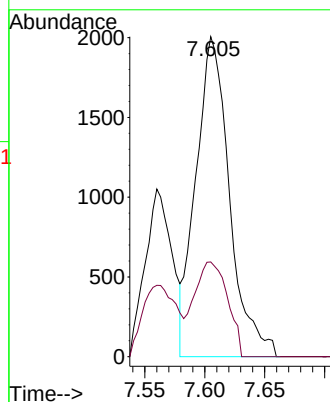
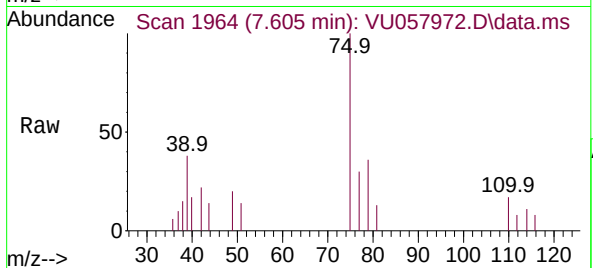




#39
 cis-1,3-Dichloropropene
 Concen: 0.249 ug/L
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU057972.D
 Acq: 29 Feb 2024 13:49

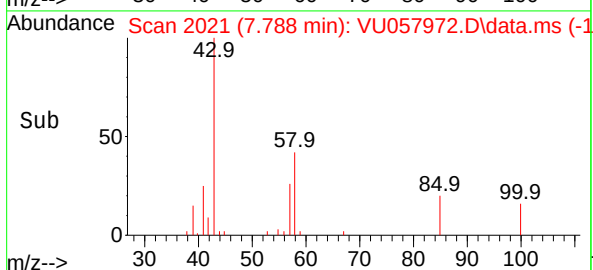
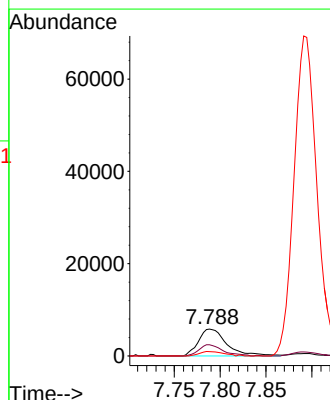
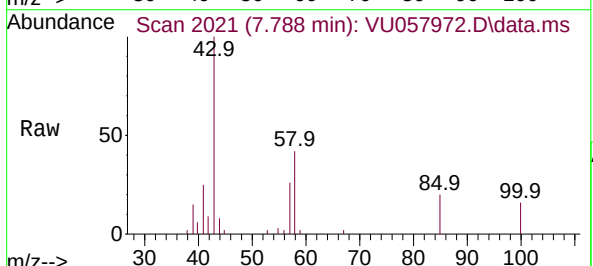
Instrument :
 MSVOA_U
 ClientSampleId :

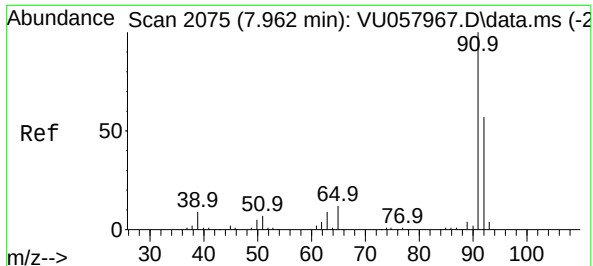
Tgt Ion: 75 Resp: 3914
 Ion Ratio Lower Upper
 75 100
 77 29.6 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 2.406 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.007 min
 Lab File: VU057972.D
 Acq: 29 Feb 2024 13:49

Tgt Ion: 43 Resp: 12609
 Ion Ratio Lower Upper
 43 100
 58 34.9 31.7 47.5
 100 0.0 11.3 16.9#





#42

Toluene

Concen: 0.227 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.007 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

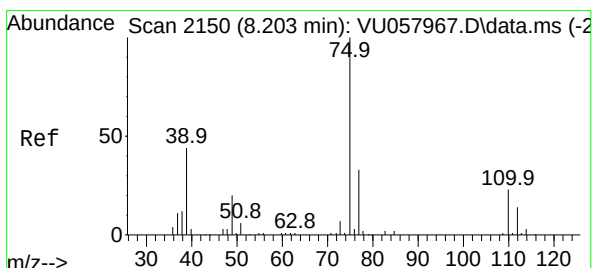
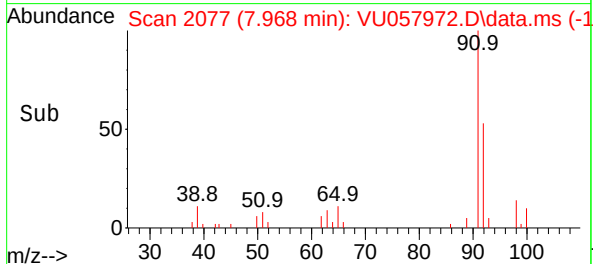
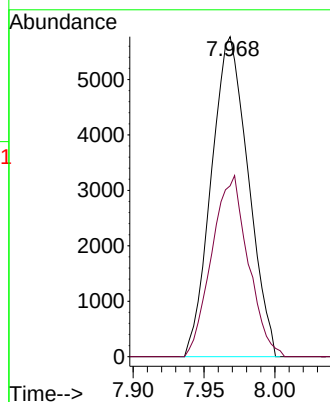
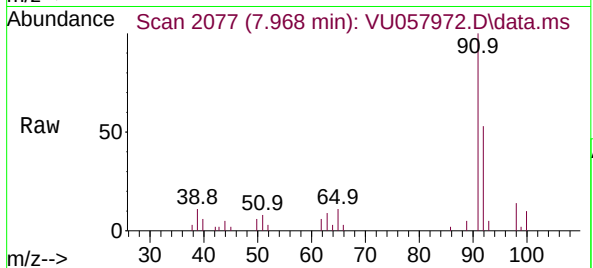
ClientSampleId :

Tgt Ion: 91 Resp: 10451

Ion Ratio Lower Upper

91 100

92 53.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 0.234 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU057972.D

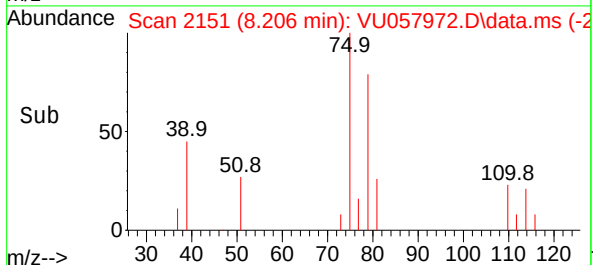
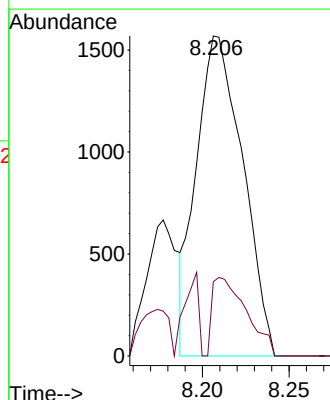
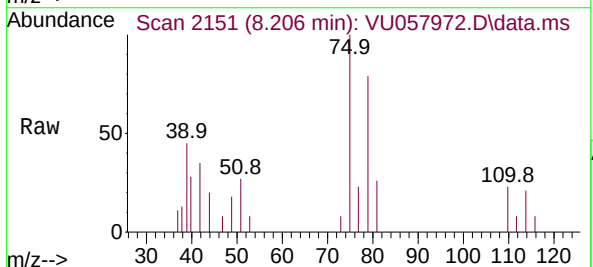
Acq: 29 Feb 2024 13:49

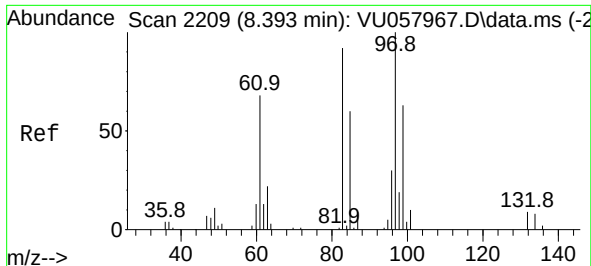
Tgt Ion: 75 Resp: 2923

Ion Ratio Lower Upper

75 100

77 23.2 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 0.232 ug/L

RT: 8.396 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 1567

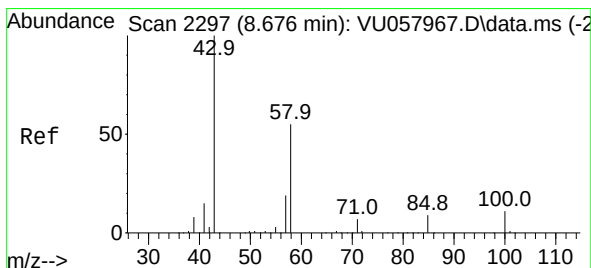
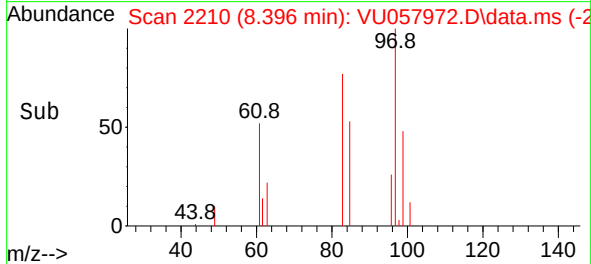
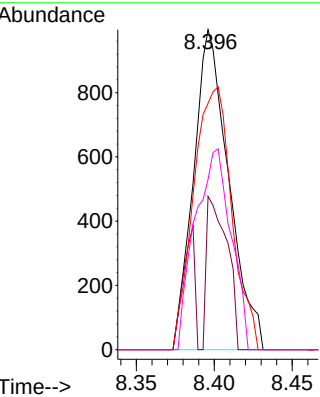
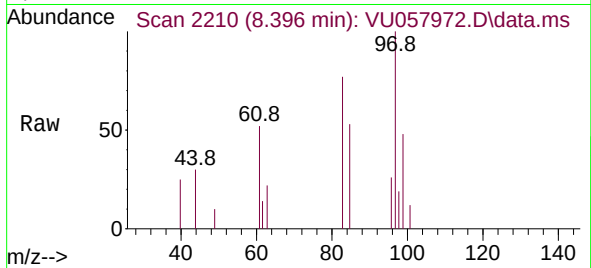
Ion Ratio Lower Upper

97 100

99 47.9 44.2 82.2

83 77.0 64.2 119.2

85 53.2 42.0 78.0



#48

2-Hexanone

Concen: 3.958 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.007 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Tgt Ion: 43 Resp: 15214

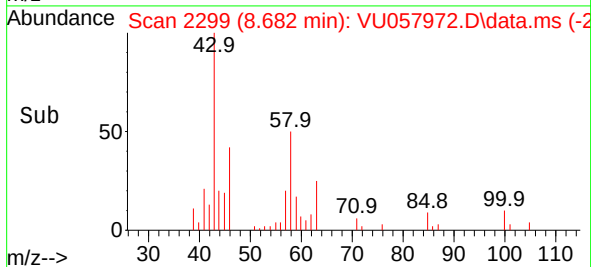
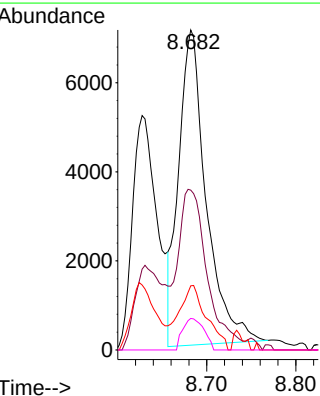
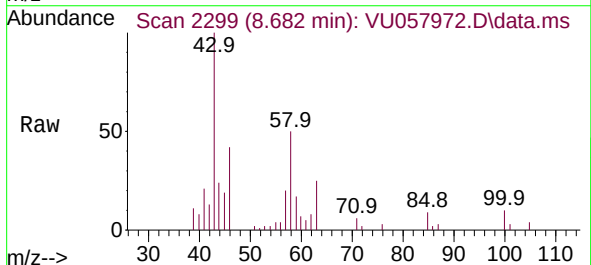
Ion Ratio Lower Upper

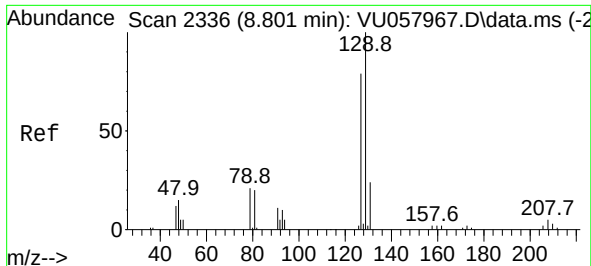
43 100

58 53.2 43.3 64.9

57 20.6 15.2 22.8

100 7.7 8.7 13.1#





#49

Dibromochloromethane

Concen: 0.198 ug/L

RT: 8.804 min Scan# 2336

Delta R.T. 0.003 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

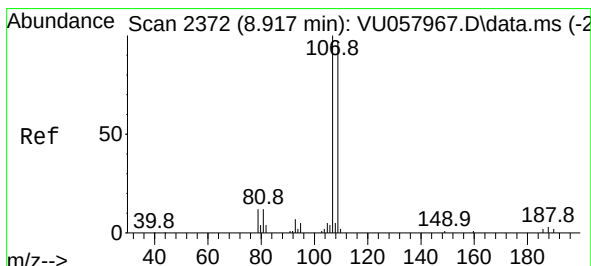
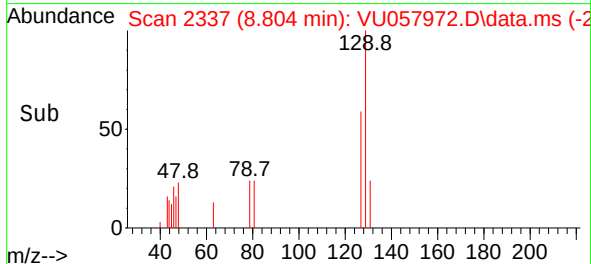
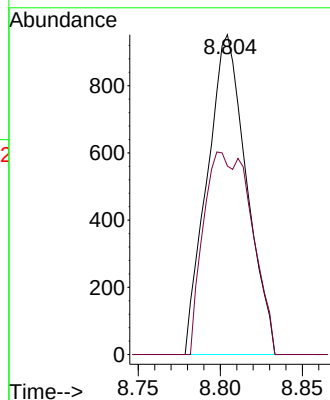
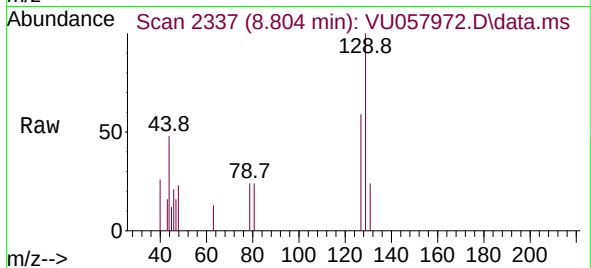
ClientSampleId :

Tgt Ion:129 Resp: 1584

Ion Ratio Lower Upper

129 100

127 58.9 55.2 102.6



#50

1,2-Dibromoethane

Concen: 0.234 ug/L

RT: 8.920 min Scan# 2373

Delta R.T. 0.003 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

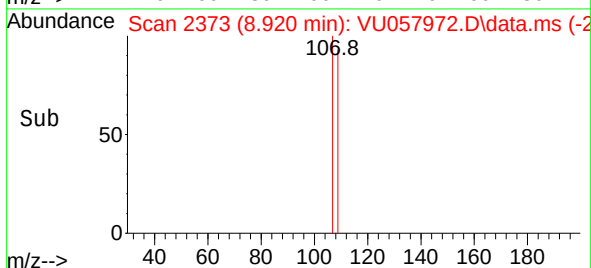
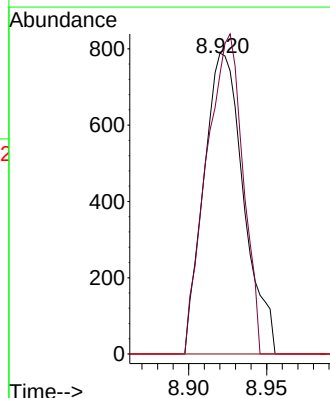
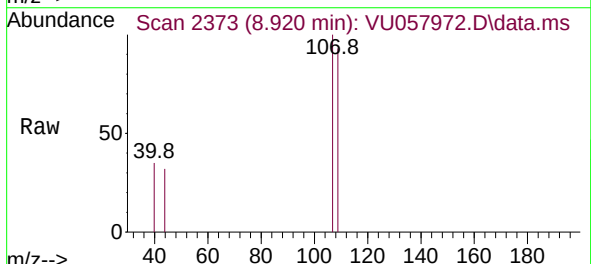
Tgt Ion:107 Resp: 1405

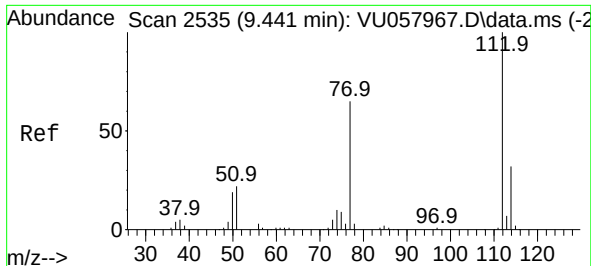
Ion Ratio Lower Upper

107 100

109 93.2 67.8 125.8

188 0.0 2.4 3.6#





#51

Chlorobenzene

Concen: 0.241 ug/L

RT: 9.447 min Scan# 2535

Delta R.T. 0.007 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

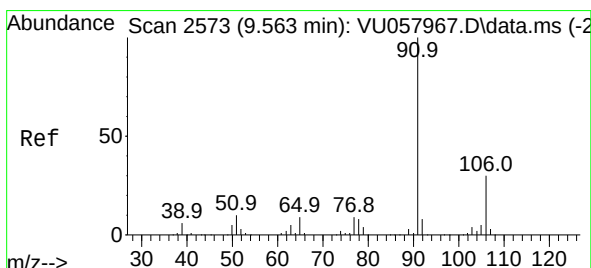
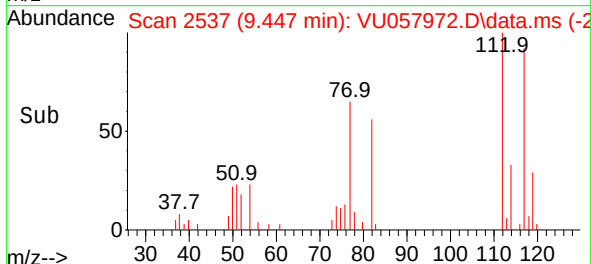
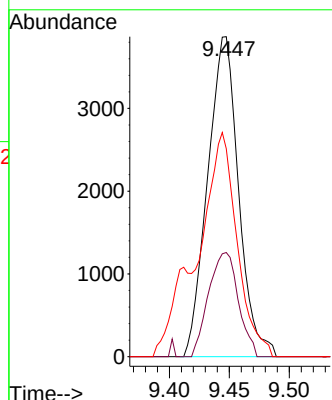
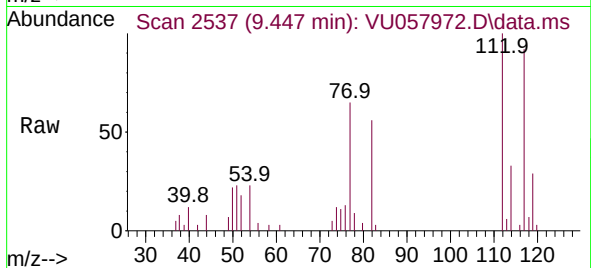
Tgt Ion:112 Resp: 6946

Ion Ratio Lower Upper

112 100

114 32.6 22.7 42.1

77 65.0 52.3 78.5



#52

Ethylbenzene

Concen: 0.227 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU057972.D

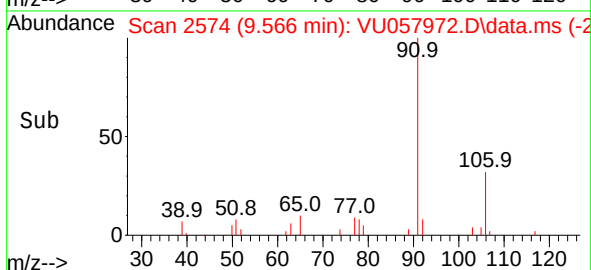
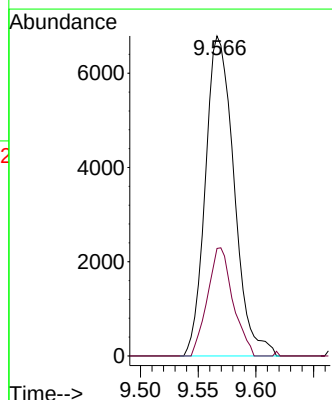
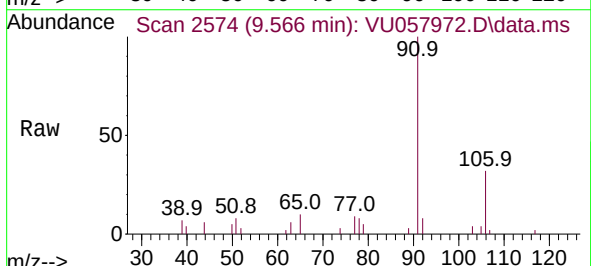
Acq: 29 Feb 2024 13:49

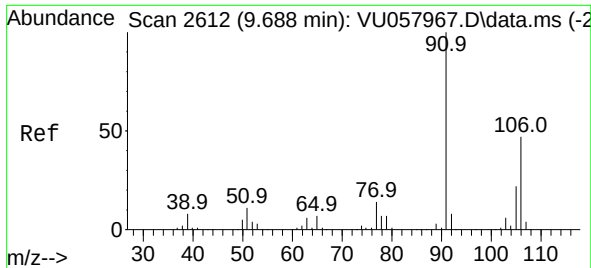
Tgt Ion: 91 Resp: 11700

Ion Ratio Lower Upper

91 100

106 33.6 20.9 38.7

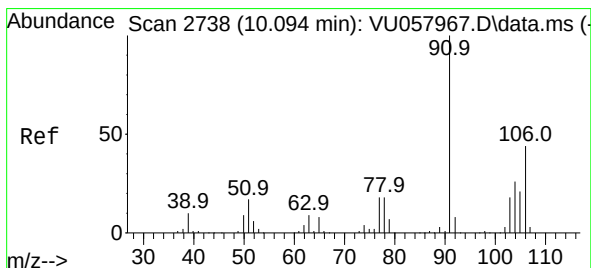
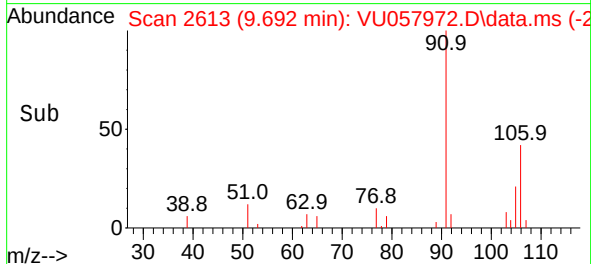
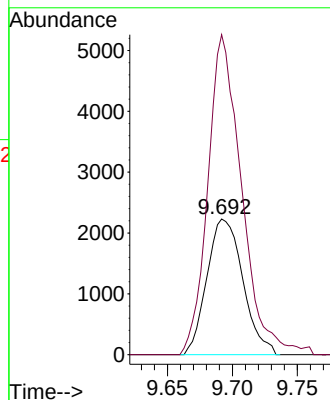
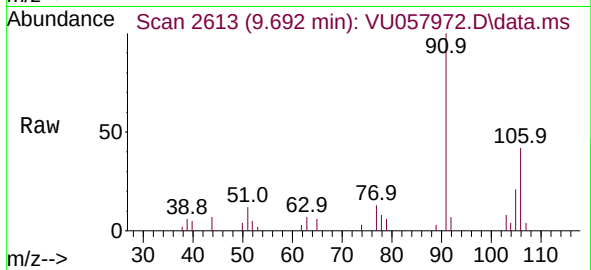




#53
m,p-Xylene
Concen: 0.234 ug/L
RT: 9.692 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

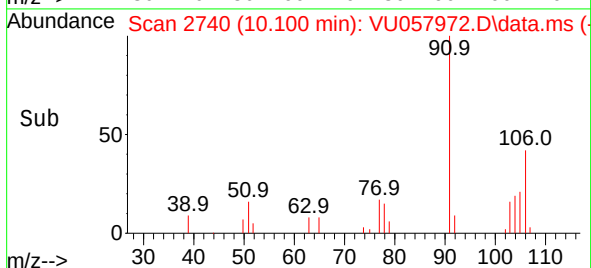
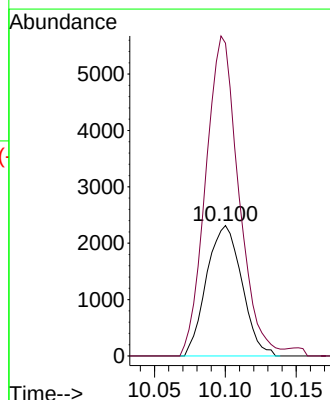
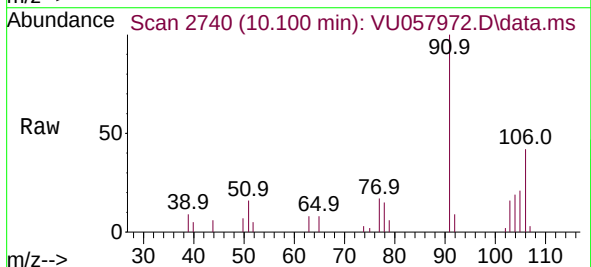
Instrument :
MSVOA_U
ClientSampleId :

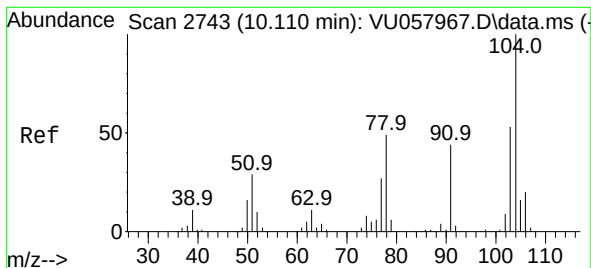
Tgt Ion:106 Resp: 4296
Ion Ratio Lower Upper
106 100
91 235.8 148.8 276.4



#54
o-Xylene
Concen: 0.219 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.007 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Tgt Ion:106 Resp: 4008
Ion Ratio Lower Upper
106 100
91 239.8 158.3 294.1





#55

Styrene

Concen: 0.217 ug/L

RT: 10.116 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

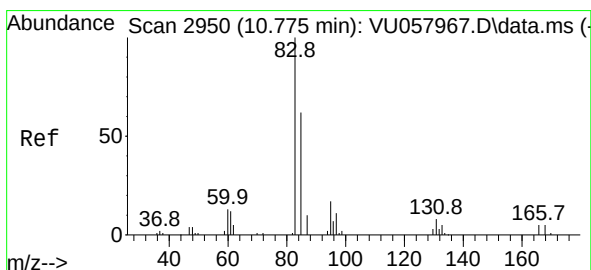
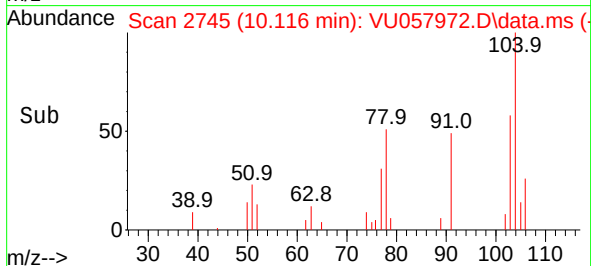
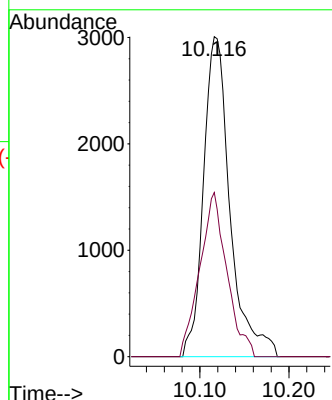
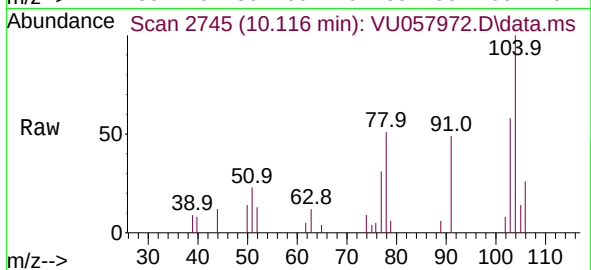
ClientSampleId :

Tgt Ion:104 Resp: 6238

Ion Ratio Lower Upper

104 100

78 57.3 34.2 63.4



#57

1,1,2,2-Tetrachloroethane

Concen: 0.244 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

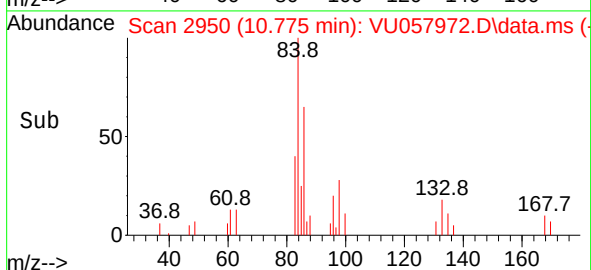
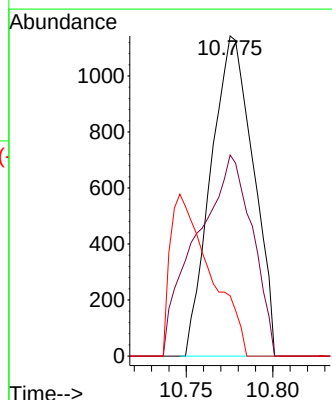
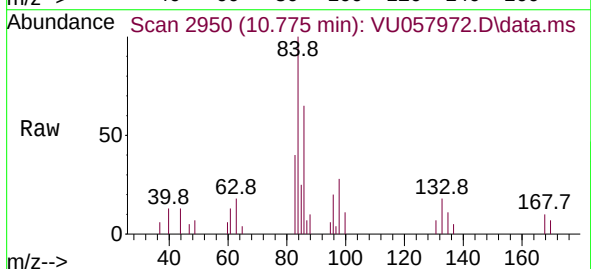
Tgt Ion: 83 Resp: 1942

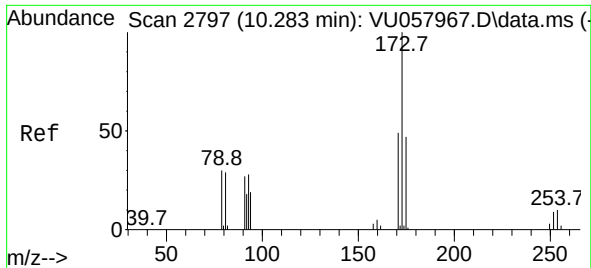
Ion Ratio Lower Upper

83 100

85 62.8 44.0 81.6

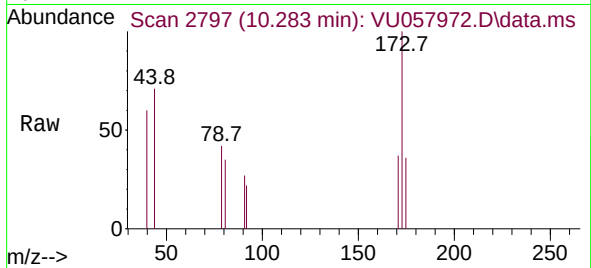
131 18.8 6.9 10.3#



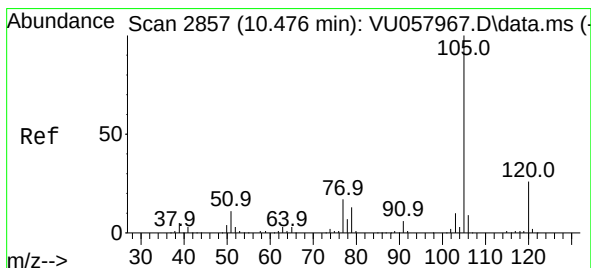
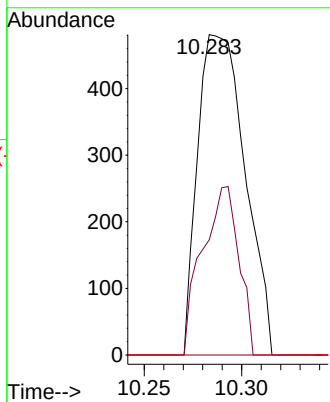
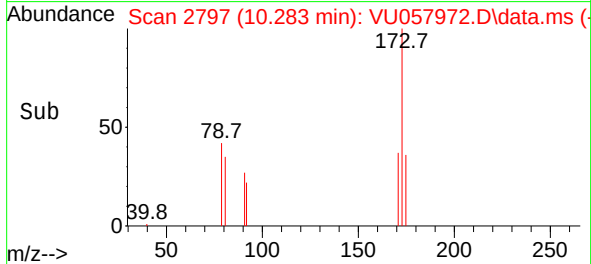


#59
Bromoform
Concen: 0.215 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

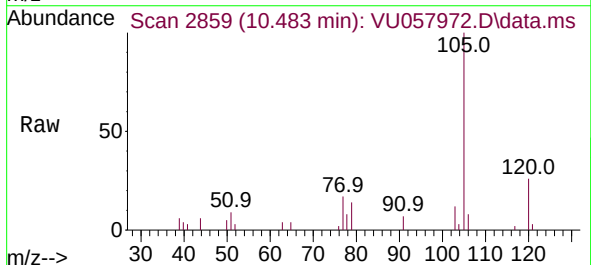
Instrument :
MSVOA_U
ClientSampleId :



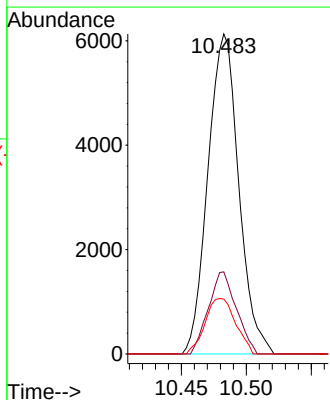
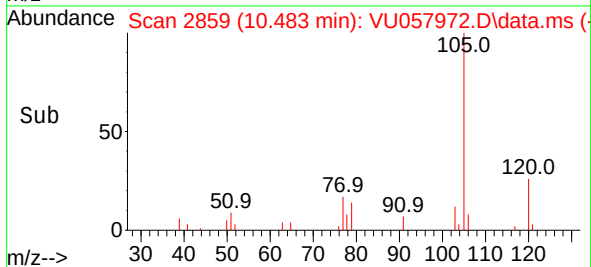
Tgt Ion:173 Resp: 814
Ion Ratio Lower Upper
173 100
175 40.5 38.6 57.8
254 0.0 7.3 10.9#

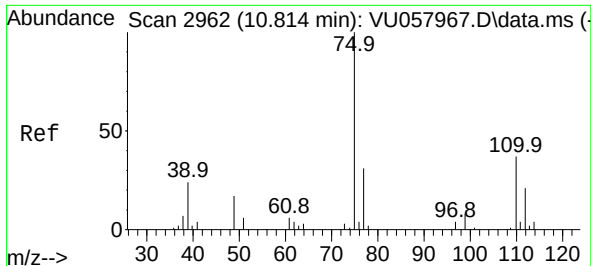


#60
Isopropylbenzene
Concen: 0.224 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.007 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49



Tgt Ion:105 Resp: 10109
Ion Ratio Lower Upper
105 100
120 23.2 20.4 30.6
77 17.1 13.2 19.8





#61

1,2,3-Trichloropropane

Concen: 0.246 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.007 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

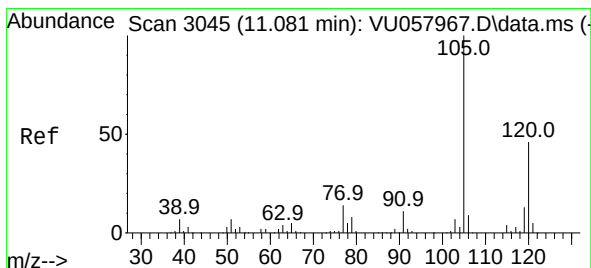
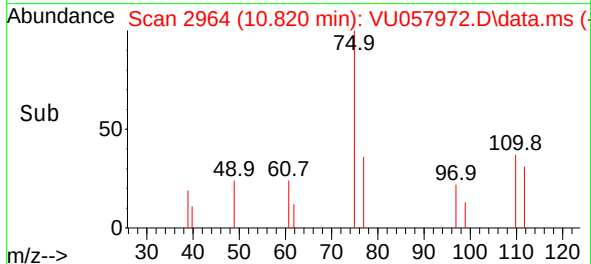
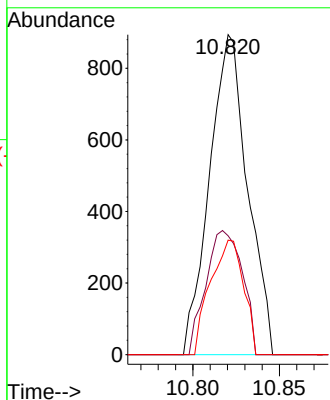
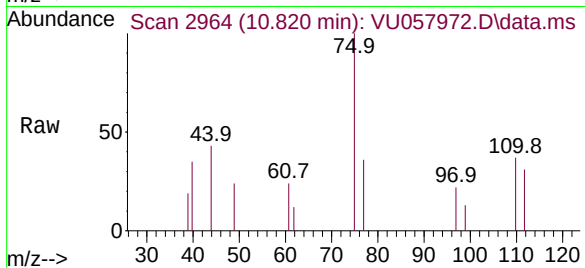
Tgt Ion: 75 Resp: 1366

Ion Ratio Lower Upper

75 100

110 37.2 28.0 42.0

77 31.2 24.7 37.1



#62

1,3,5-Trimethylbenzene

Concen: 0.214 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU057972.D

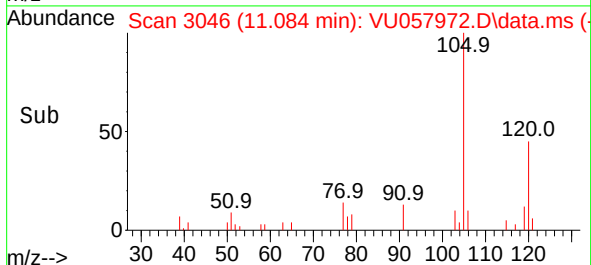
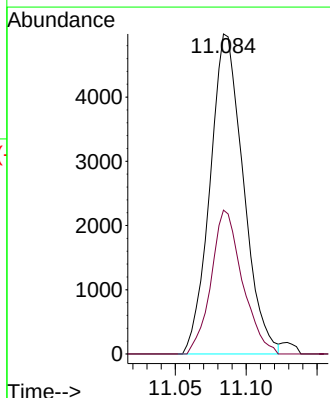
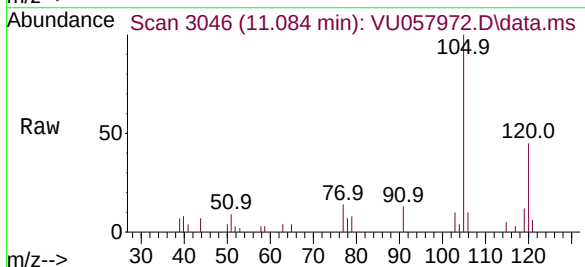
Acq: 29 Feb 2024 13:49

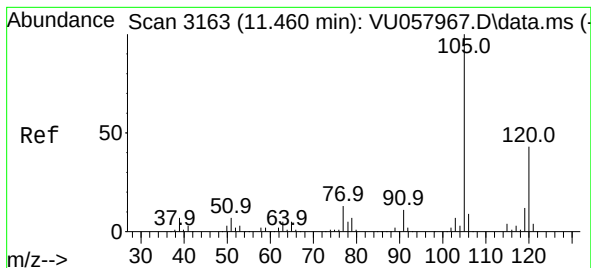
Tgt Ion: 105 Resp: 8145

Ion Ratio Lower Upper

105 100

120 42.1 37.1 55.7





#63

1,2,4-Trimethylbenzene

Concen: 0.213 ug/L

RT: 11.467 min Scan# 3163

Delta R.T. 0.007 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

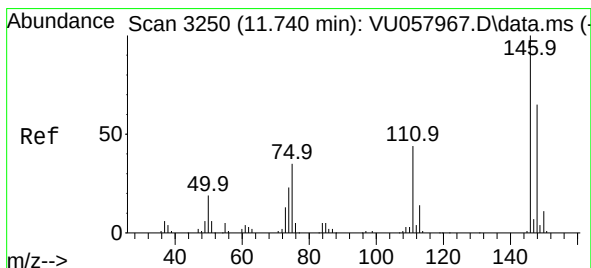
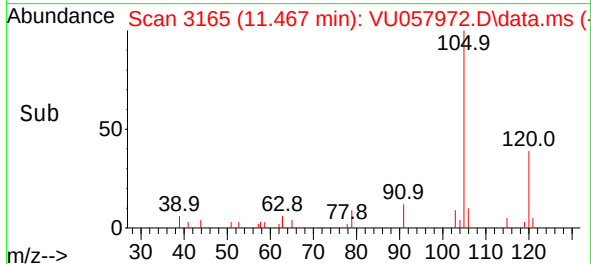
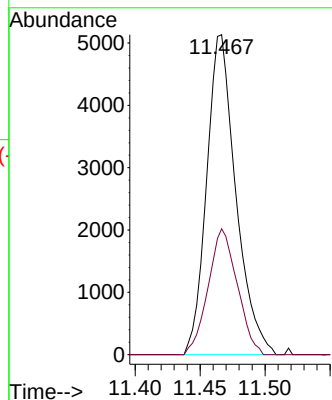
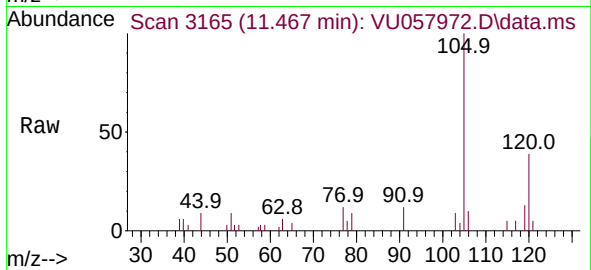
ClientSampleId :

Tgt Ion:105 Resp: 8032

Ion Ratio Lower Upper

105 100

120 39.1 34.8 52.2



#64

1,3-Dichlorobenzene

Concen: 0.254 ug/L

RT: 11.746 min Scan# 3252

Delta R.T. 0.007 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

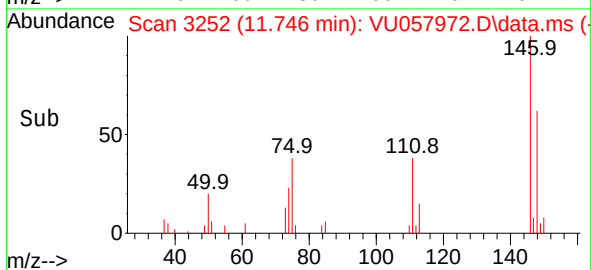
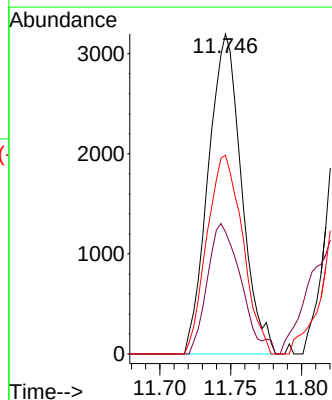
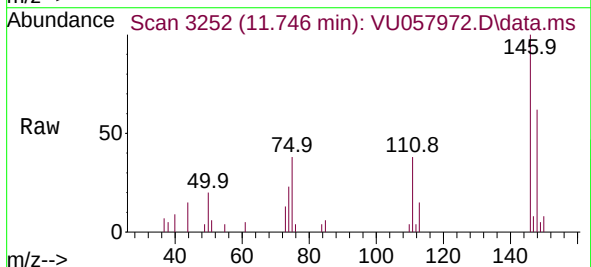
Tgt Ion:146 Resp: 5216

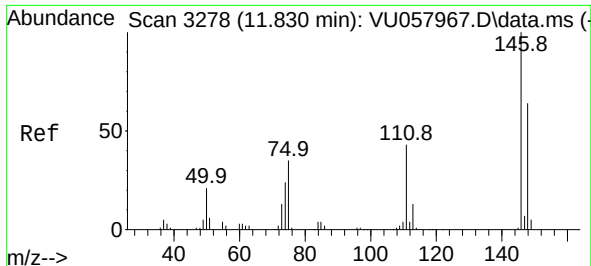
Ion Ratio Lower Upper

146 100

111 38.1 30.9 57.5

148 62.1 45.4 84.4





#65

1,4-Dichlorobenzene

Concen: 0.298 ug/L

RT: 11.833 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

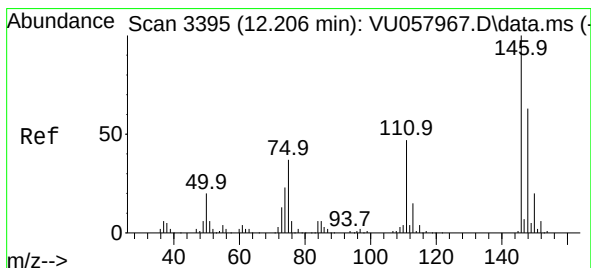
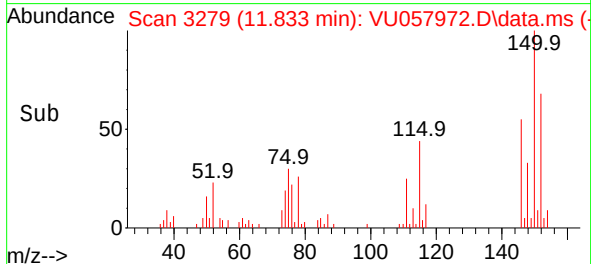
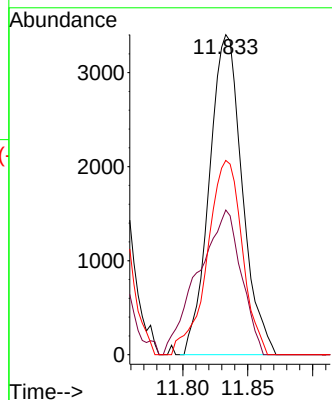
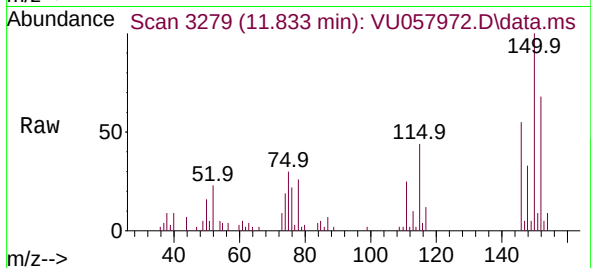
Tgt Ion:146 Resp: 5989

Ion Ratio Lower Upper

146 100

111 45.2 30.1 55.9

148 60.7 45.0 83.6



#67

1,2-Dichlorobenzene

Concen: 0.273 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

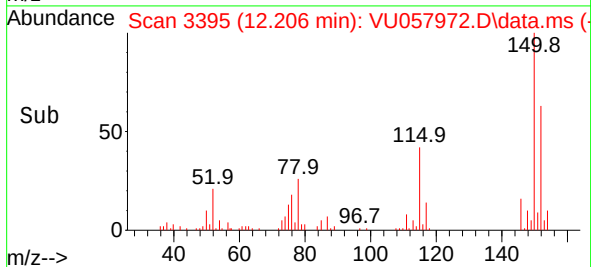
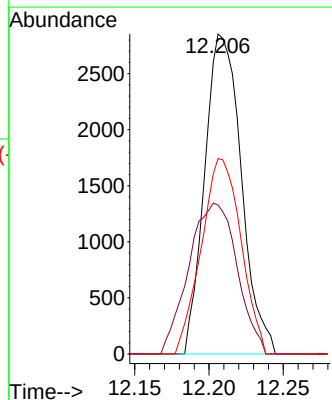
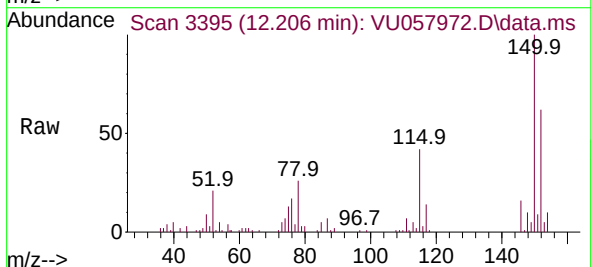
Tgt Ion:146 Resp: 4889

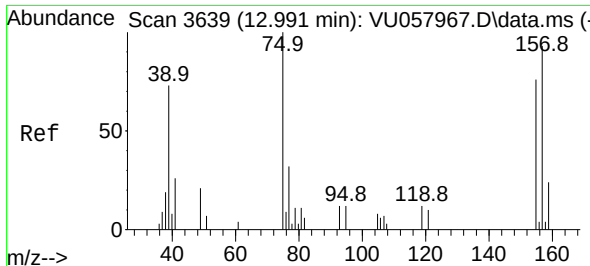
Ion Ratio Lower Upper

146 100

111 50.6 37.4 56.0

148 61.0 50.8 76.2





#68

1,2-Dibromo-3-chloropropane

Concen: 0.186 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.007 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

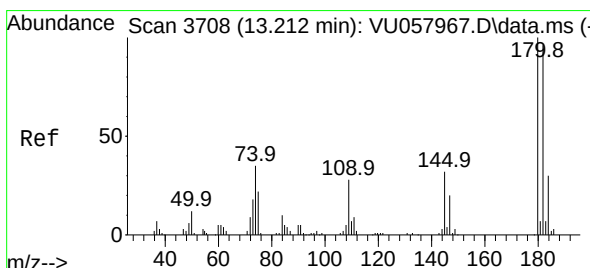
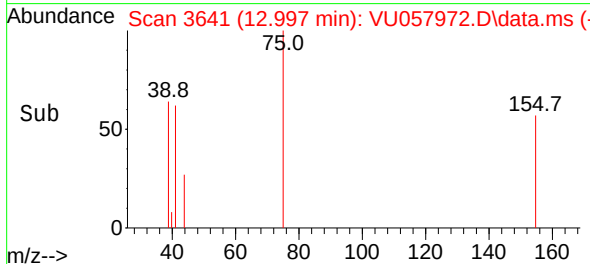
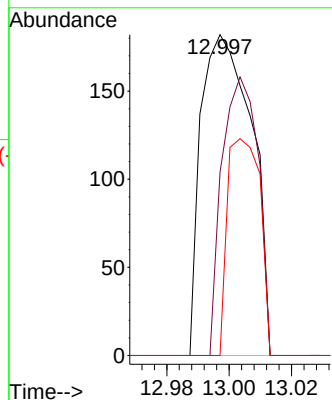
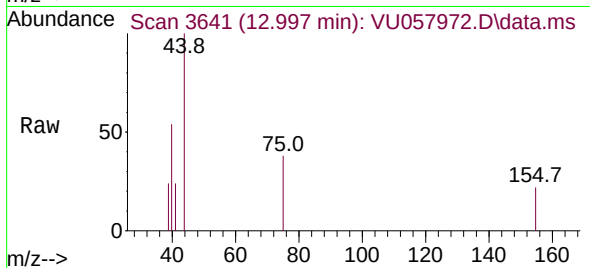
Tgt Ion: 75 Resp: 205

Ion Ratio Lower Upper

75 100

155 57.1 61.0 91.6#

157 0.0 74.6 112.0#



#69

1,3,5-Trichlorobenzene

Concen: 0.276 ug/L

RT: 13.222 min Scan# 3711

Delta R.T. 0.010 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Tgt Ion:180 Resp: 4080

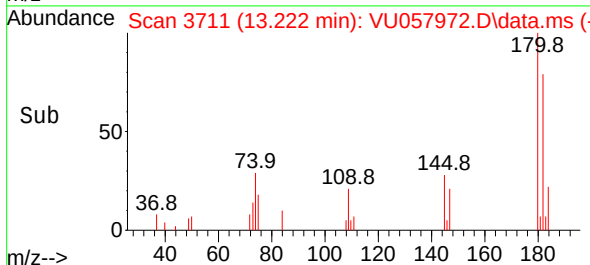
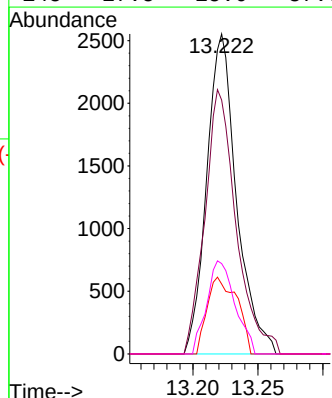
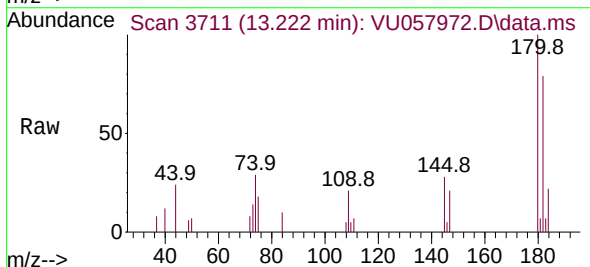
Ion Ratio Lower Upper

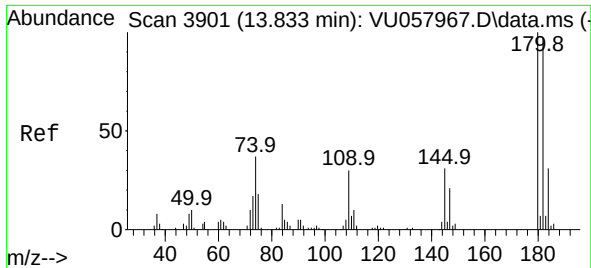
180 100

182 86.5 76.3 114.5

184 24.0 24.6 36.8#

145 27.5 25.0 37.6

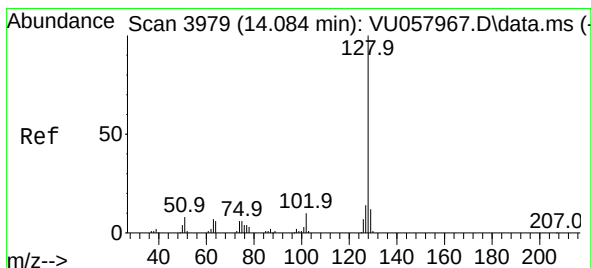
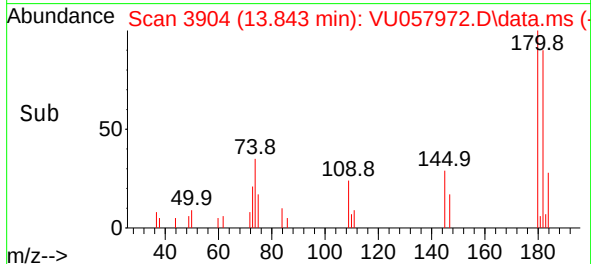
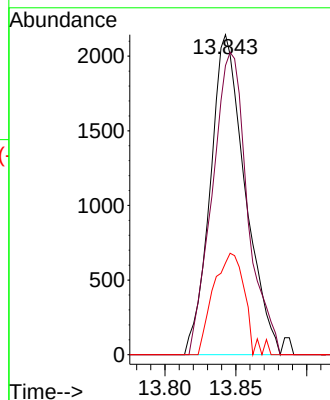
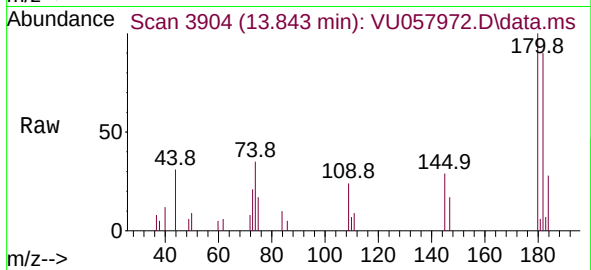




#70
1,2,4-trichlorobenzene
Concen: 0.330 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.010 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

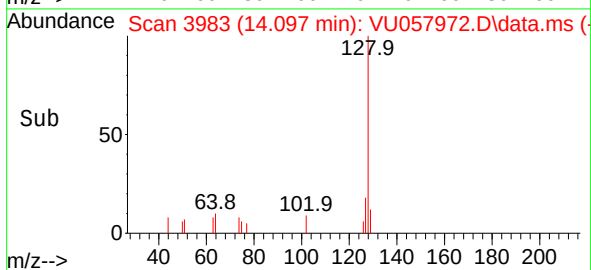
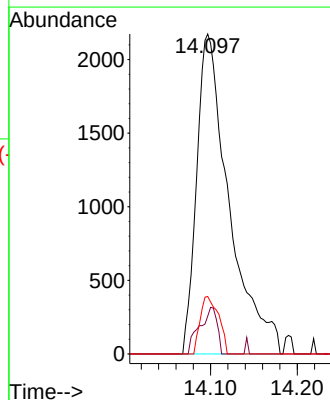
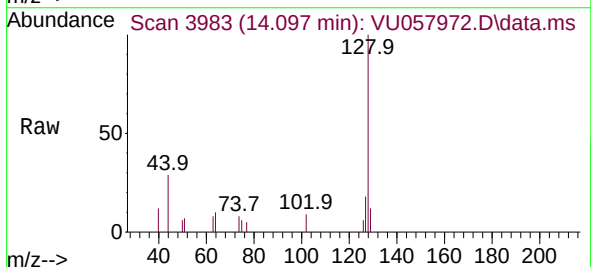
Instrument :
MSVOA_U
ClientSampleId :

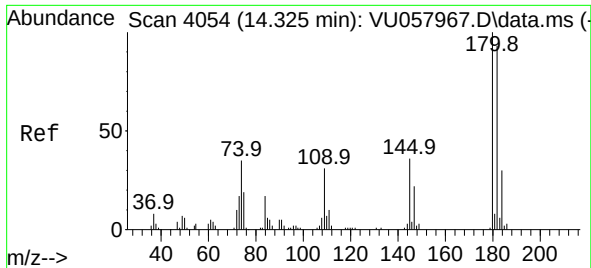
Tgt Ion:180 Resp: 3666
Ion Ratio Lower Upper
180 100
182 95.6 77.9 116.9
145 28.6 25.8 38.8



#71
Naphthalene
Concen: 0.373 ug/L
RT: 14.097 min Scan# 3983
Delta R.T. 0.013 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Tgt Ion:128 Resp: 5658
Ion Ratio Lower Upper
128 100
129 7.8 9.0 13.6#
127 10.2 10.6 16.0#





#72

1,2,3-Trichlorobenzene

Concen: 0.337 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.007 min

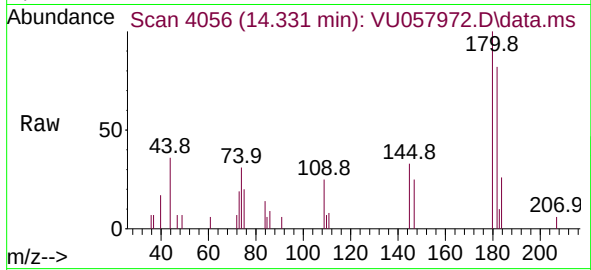
Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 2959

Ion Ratio Lower Upper

180 100

182 98.7 77.6 116.4

145 38.4 28.7 43.1

