

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
 Data File : VU059220.D
 Acq On : 12 Jun 2024 13:50
 Operator : MD/SY
 Sample : P2403-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 04:37:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 13 04:35:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	42274	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	12767	0.888	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	13598	0.903	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	2633	0.199	ug/l	88
3) Chloromethane	1.515	50	2988	0.187	ug/l #	88
4) Vinyl Chloride	1.599	62	3151	0.196	ug/l	94
5) Bromomethane	1.853	94	2250	0.230	ug/l	99
6) Chloroethane	1.930	64	1906	0.184	ug/l	91
7) Trichlorofluoromethane	2.136	101	3683	0.184	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	2165	0.211	ug/l	97
9) 1,1-Dichloroethene	2.576	96	2095	0.206	ug/l	89
10) Iodomethane	2.718	142	2226	0.173	ug/l	92
11) Allyl Chloride	2.923	41	2277	0.165	ug/l	99
12) Acrylonitrile	3.348	53	378	0.164	ug/l #	57
13) Acetone	2.647	43	3574	1.021	ug/l	94
14) Carbon Disulfide	2.788	76	6999	0.216	ug/l #	94
15) Methylene Chloride	3.036	84	5533	0.396	ug/l	94
16) trans-1,2-Dichloroethene	3.354	96	2235	0.201	ug/l	96
17) 1,1-Dichloroethane	3.862	63	4488	0.193	ug/l #	94
18) 2-Butanone	4.772	43	1177	0.303	ug/l	76
19) Cyclohexane	5.386	56	2906	0.173	ug/l	95
20) Methylcyclohexane	6.756	83	2929	0.173	ug/l	98
21) 2,2-Dichloropropane	4.660	77	3569	0.207	ug/l #	88
22) cis-1,2-Dichloroethene	4.666	96	2017	0.167	ug/l #	79
23) Diethyl Ether	2.374	59	1768	0.185	ug/l	93
24) tert-Butyl Alcohol	3.206	59	274	0.447	ug/l #	89
25) Methyl tert-Butyl Ether	3.357	73	4584	0.188	ug/l	96
26) Bromochloromethane	4.981	128	1107	0.217	ug/l	94
27) Chloroform	5.084	83	5057	0.216	ug/l	96
28) 1,1,1-Trichloroethane	5.312	97	3454	0.187	ug/l	100
29) 1,1-Dichloropropene	5.521	75	2703	0.175	ug/l	96
30) Carbon Tetrachloride	5.518	117	3070	0.203	ug/l	92
31) Isopropyl Ether	3.984	45	5067	0.166	ug/l	94
32) Ethyl-t-butyl ether	4.496	59	5018	0.177	ug/l	95
33) Tert-Amyl methyl ether	5.936	73	4353	0.174	ug/l #	88
34) Propionitrile	4.836	54	101	0.114	ug/l #	1
35) Benzene	5.775	78	8969	0.185	ug/l	95
36) 1,2-Dichloroethane	5.798	62	2584	0.179	ug/l #	76
37) Trichloroethene	6.547	130	2292	0.197	ug/l	91
38) 1,2-Dichloropropane	6.788	63	2365	0.171	ug/l #	85
39) Methacrylonitrile	4.991	41	158	0.048	ug/l #	41
40) Methyl acrylate	4.894	55	95	0.016	ug/l #	71
41) Tetrahydrofuran	5.074	42	323	0.182	ug/l #	81
42) 1-Chlorobutane	5.457	56	3836	0.180	ug/l	96
43) Dibromomethane	6.930	93	1118	0.179	ug/l	95
44) Bromodichloromethane	7.106	83	3259	0.201	ug/l #	83

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Quant Time: Jun 13 04:37:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 13 04:35:23 2024
 Response via : Initial Calibration

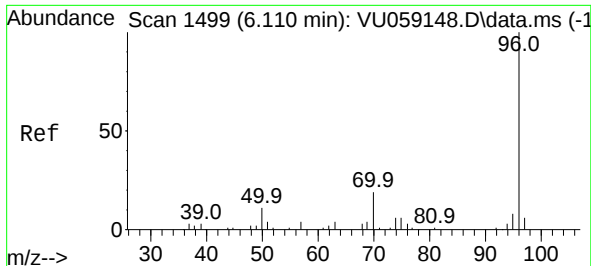
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	4836	0.722	ug/l #	94
46) t-1,4-Dichloro-2-butene	10.820	75	2476	0.871	ug/l #	34
47) Methyl methacrylate	6.975	69	1199	0.223	ug/l	65
48) Ethyl methacrylate	8.348	69	1416	0.149	ug/l	99
49) Toluene	7.971	92	4675	0.175	ug/l	100
50) t-1,3-Dichloropropene	8.213	75	2564	0.185	ug/l	96
51) cis-1,3-Dichloropropene	7.611	75	2748	0.162	ug/l	90
52) 1,1,2-Trichloroethane	8.399	97	1793	0.194	ug/l	88
53) 1,3-Dichloropropane	8.576	76	2916	0.183	ug/l	100
54) 2-Hexanone	8.698	43	3789	0.730	ug/l	80
55) Dibromochloromethane	8.811	129	2094	0.210	ug/l	85
56) 1,2-Dibromoethane	8.923	107	1284	0.159	ug/l	73
58) Tetrachloroethene	8.550	164	2430	0.227	ug/l #	84
59) Chlorobenzene	9.450	112	5526	0.189	ug/l	91
60) 1,1,1,2-Tetrachloroethane	9.531	131	1957	0.187	ug/l	99
61) Pentachloroethane	11.425	117	1222	0.150	ug/l #	76
62) Hexachloroethane	12.473	117	1359	0.164	ug/l	98
63) Ethyl Benzene	9.569	91	7827	0.158	ug/l	97
64) m/p-Xylenes	9.692	106	5537	0.297	ug/l	98
65) o-Xylene	10.103	106	2986	0.162	ug/l	94
66) Styrene	10.122	104	4197	0.143	ug/l	99
67) Bromoform	10.293	173	803	0.148	ug/l #	93
69) Isopropylbenzene	10.483	105	7852	0.167	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.775	83	2174	0.187	ug/l #	91
71) 1,2,3-Trichloropropane	10.820	75	2476	0.279	ug/l #	75
72) Bromobenzene	10.785	156	2168	0.192	ug/l	85
73) n-propylbenzene	10.907	120	1638	0.130	ug/l #	64
74) 2-Chlorotoluene	10.984	126	1866	0.162	ug/l	86
75) 1,3,5-Trimethylbenzene	11.087	105	5576	0.140	ug/l	94
76) 4-Chlorotoluene	11.103	126	1869	0.155	ug/l	98
77) tert-Butylbenzene	11.418	119	5882	0.156	ug/l	97
78) 1,2,4-Trimethylbenzene	11.470	105	5184	0.129	ug/l	91
79) sec-Butylbenzene	11.643	105	7844	0.149	ug/l	100
80) Nitrobenzene	13.251	77	125	0.503	ug/l #	42
81) p-Isopropyltoluene	11.791	119	5628	0.140	ug/l	97
82) 1,3-Dichlorobenzene	11.753	146	4842	0.202	ug/l	94
83) 1,4-Dichlorobenzene	11.839	146	4480	0.187	ug/l	97
84) n-Butylbenzene	12.209	91	6677	0.176	ug/l	95
85) 1,2-Dichlorobenzene	12.212	146	4826	0.214	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	13.010	75	199	0.126	ug/l #	70
87) 1,2,4-Trichlorobenzene	13.846	180	2687	0.222	ug/l	87
88) Hexachlorobutadiene	14.016	225	1731	0.229	ug/l	97
89) Naphthalene	14.097	128	4938	0.251	ug/l #	91
90) 1,2,3-Trichlorobenzene	14.328	180	2717	0.247	ug/l	91

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

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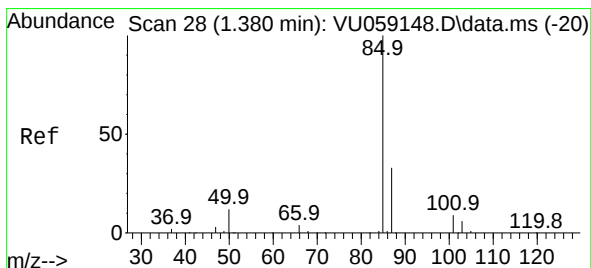
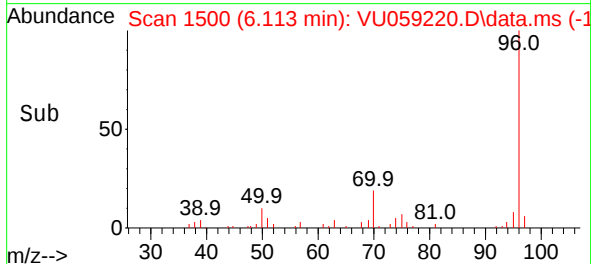
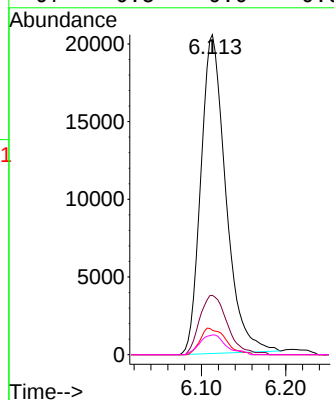
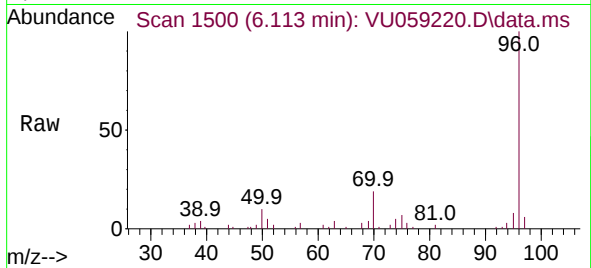




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

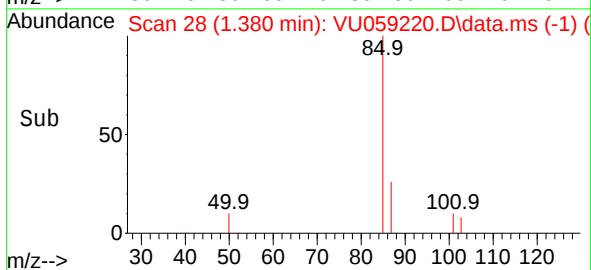
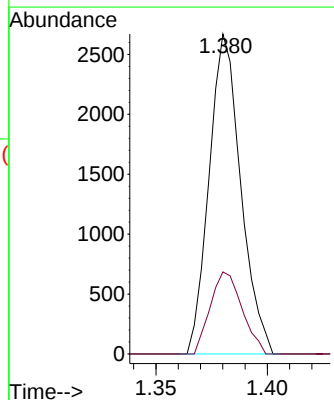
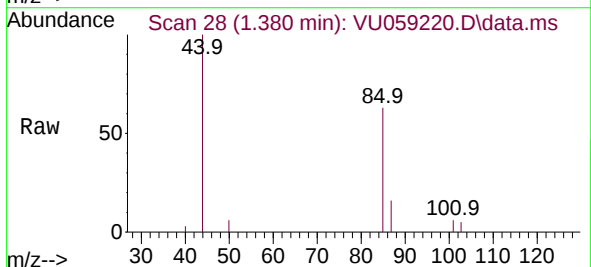
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MSVOA_U
ClientSampleId :

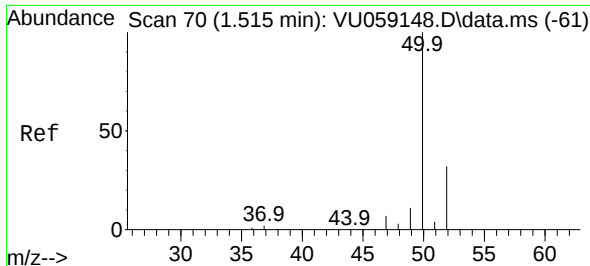
Tgt Ion: 96 Resp: 42274
Ion Ratio Lower Upper
96 100
70 19.6 16.6 24.8
95 8.5 7.1 10.7
97 6.5 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.199 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

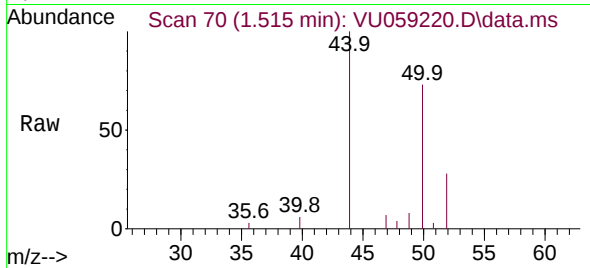
Tgt Ion: 85 Resp: 2633
Ion Ratio Lower Upper
85 100
87 25.6 16.3 48.9



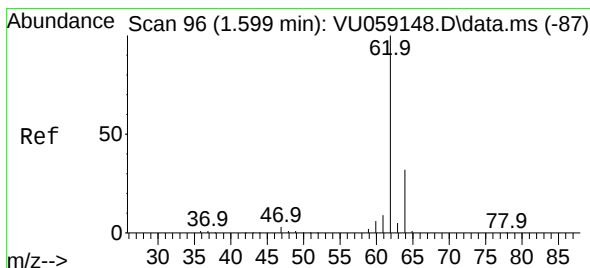
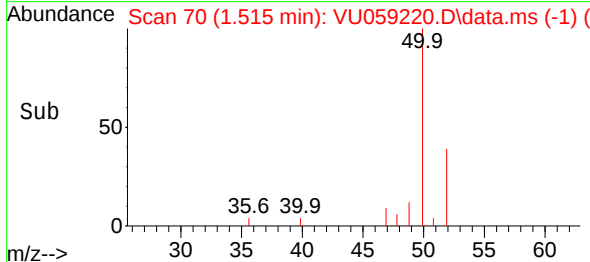
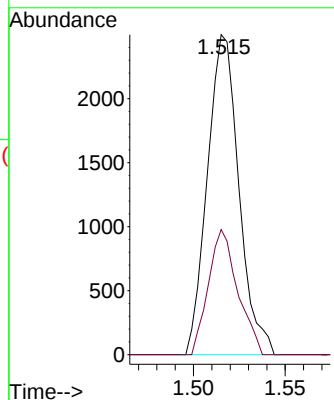


#3
Chloromethane
Concen: 0.187 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Instrument :
MSVOA_U
ClientSampleId :

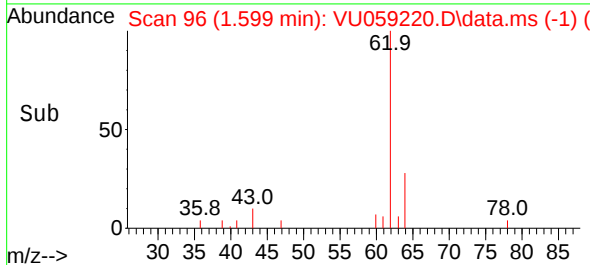
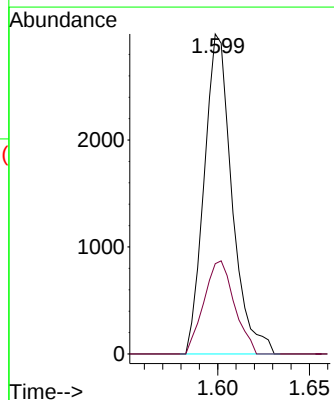
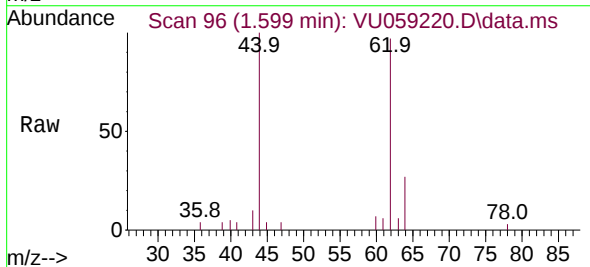


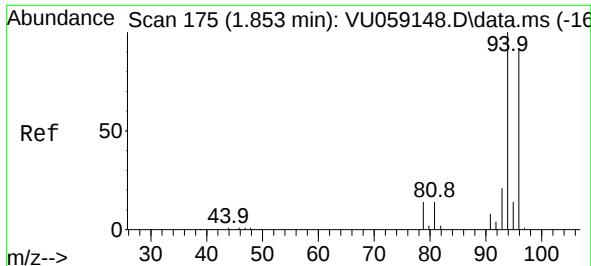
Tgt Ion: 50 Resp: 2988
Ion Ratio Lower Upper
50 100
52 39.1 26.0 39.0#



#4
Vinyl Chloride
Concen: 0.196 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion: 62 Resp: 3151
Ion Ratio Lower Upper
62 100
64 28.2 25.2 37.8

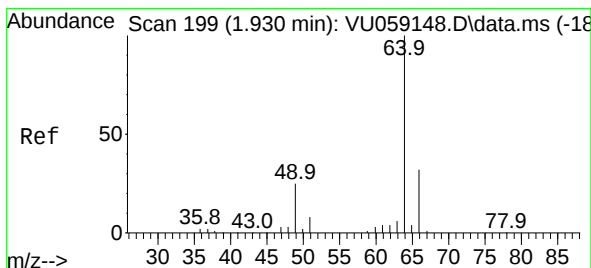
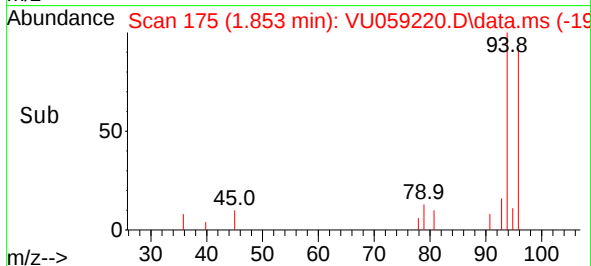
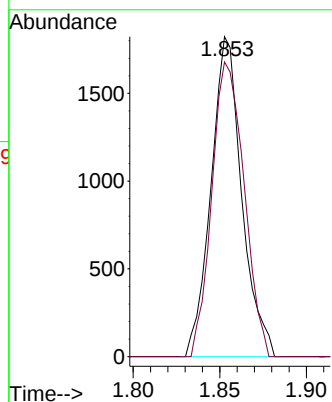
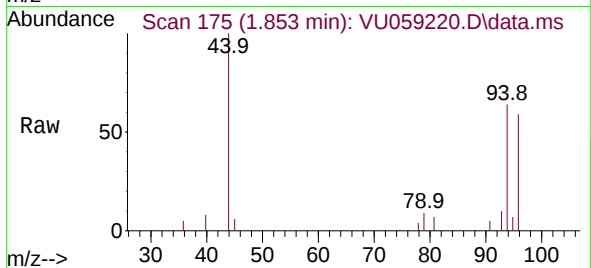




#5
Bromomethane
Concen: 0.230 ug/l
RT: 1.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

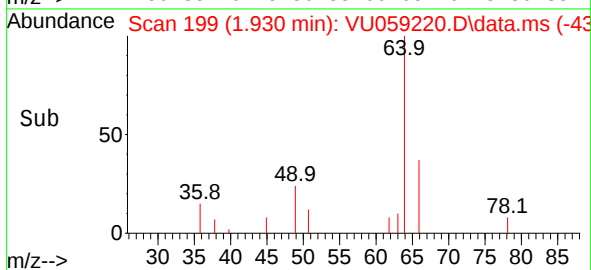
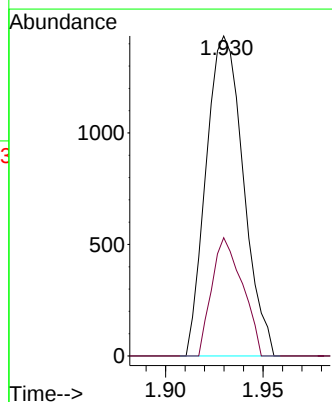
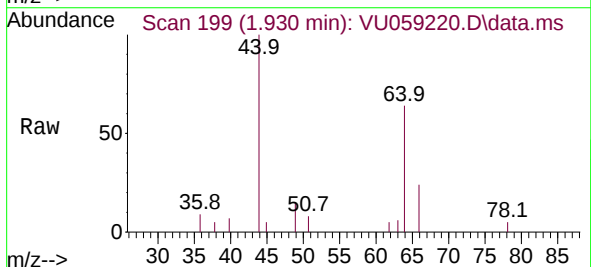
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ClientSampleId :

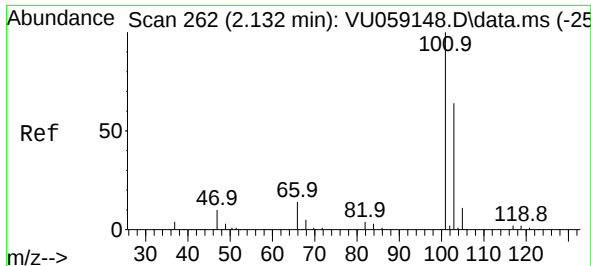
Tgt Ion: 94 Resp: 2250
Ion Ratio Lower Upper
94 100
96 92.1 72.7 109.1



#6
Chloroethane
Concen: 0.184 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion: 64 Resp: 1906
Ion Ratio Lower Upper
64 100
66 36.9 25.5 38.3

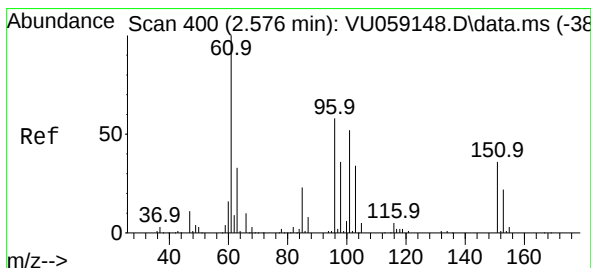
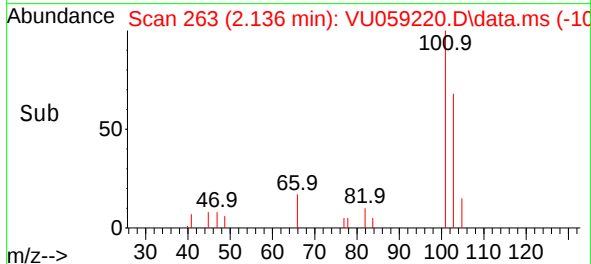
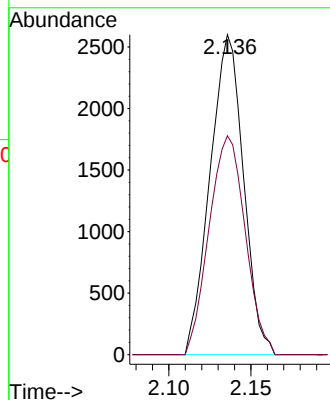
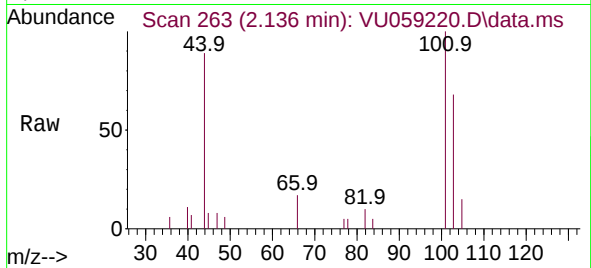




#7
Trichlorofluoromethane
Concen: 0.184 ug/l
RT: 2.136 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

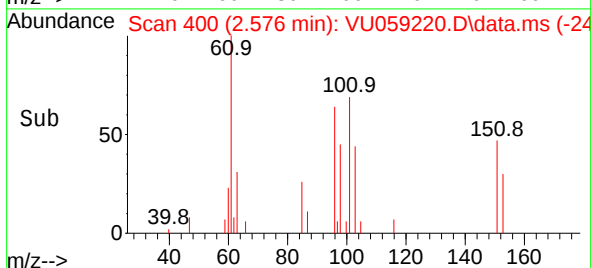
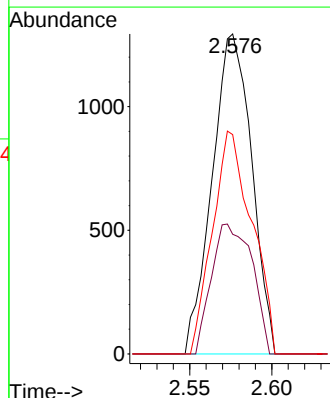
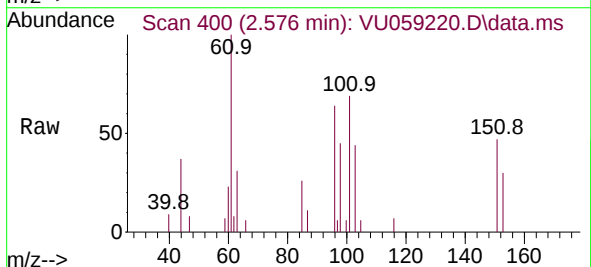
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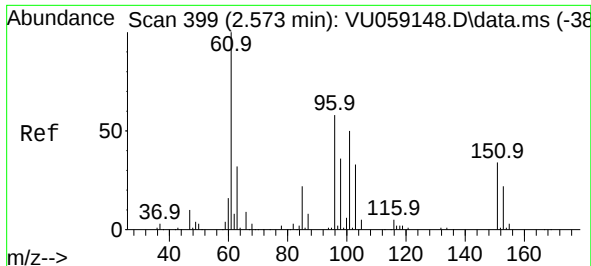
Tgt Ion:101 Resp: 3683
Ion Ratio Lower Upper
101 100
103 68.4 51.1 76.7



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.211 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion:101 Resp: 2165
Ion Ratio Lower Upper
101 100
85 41.7 36.1 54.1
151 69.4 55.0 82.6

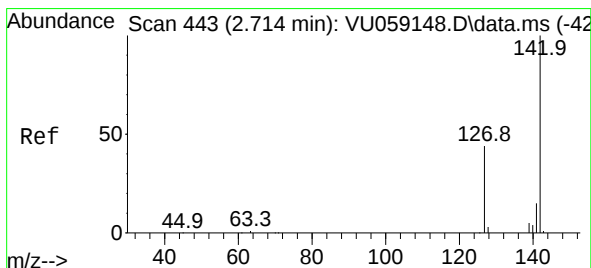
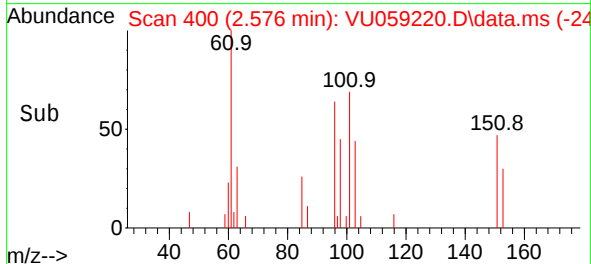
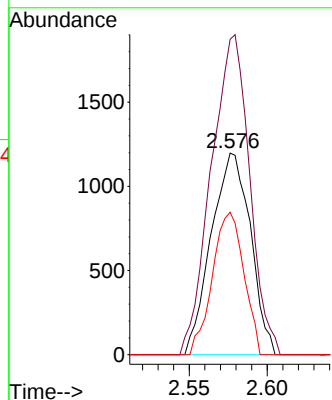
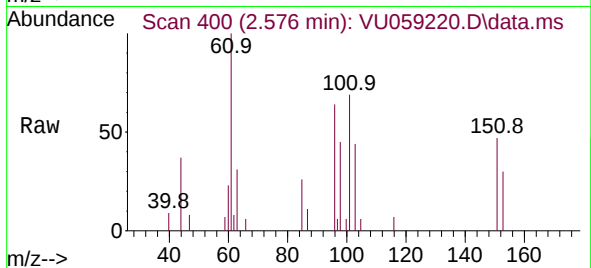




#9
1,1-Dichloroethene
Concen: 0.206 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

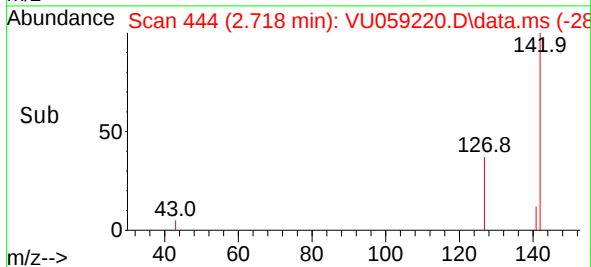
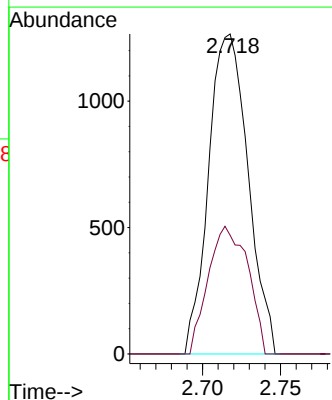
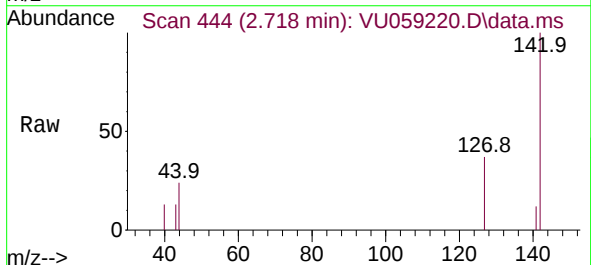
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MSVOA_U
ClientSampleId :

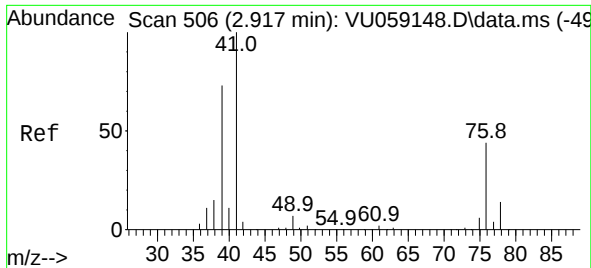
Tgt Ion: 96 Resp: 2095
Ion Ratio Lower Upper
96 100
61 156.3 0.0 515.4
98 70.6 0.0 124.4



#10
Iodomethane
Concen: 0.173 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.004 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion: 142 Resp: 2226
Ion Ratio Lower Upper
142 100
127 40.1 36.2 54.4

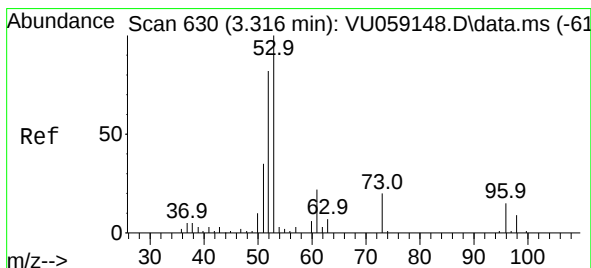
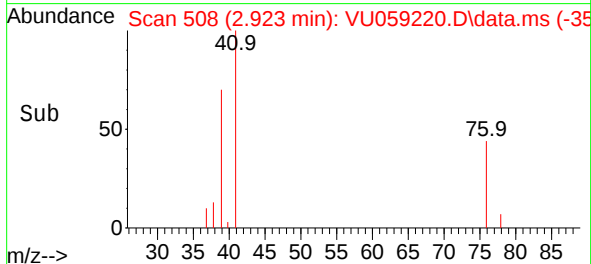
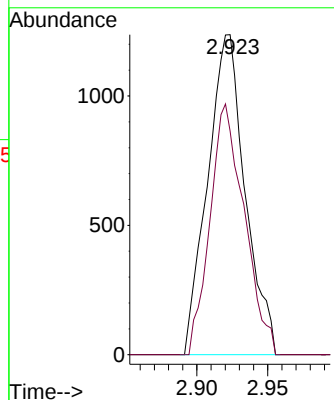
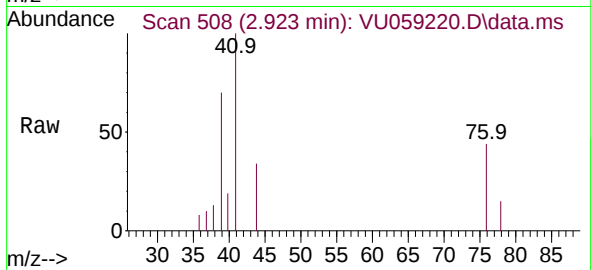




#11
 Allyl Chloride
 Concen: 0.165 ug/l
 RT: 2.923 min Scan# 506
 Delta R.T. 0.006 min
 Lab File: VU059220.D
 Acq: 12 Jun 2024 13:50

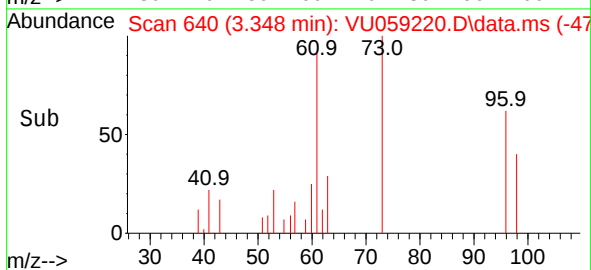
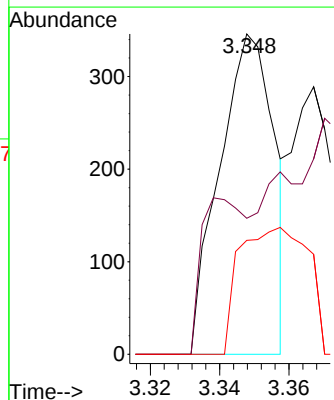
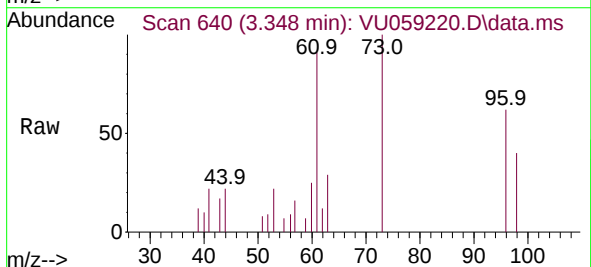
Instrument :
 MSVOA_U
 ClientSampleId :

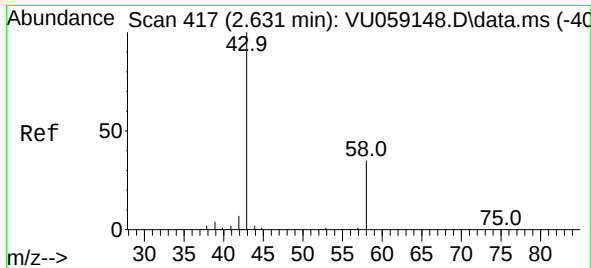
Tgt Ion: 41 Resp: 2277
 Ion Ratio Lower Upper
 41 100
 39 71.8 58.1 87.1



#12
 Acrylonitrile
 Concen: 0.164 ug/l
 RT: 3.348 min Scan# 640
 Delta R.T. 0.032 min
 Lab File: VU059220.D
 Acq: 12 Jun 2024 13:50

Tgt Ion: 53 Resp: 378
 Ion Ratio Lower Upper
 53 100
 52 28.8 64.2 96.4#
 51 50.0 33.0 49.4#





#13

Acetone

Concen: 1.021 ug/l

RT: 2.647 min Scan# 417

Delta R.T. 0.016 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

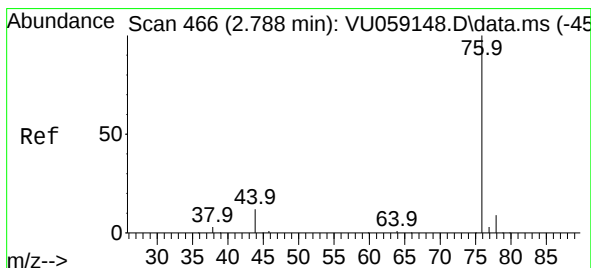
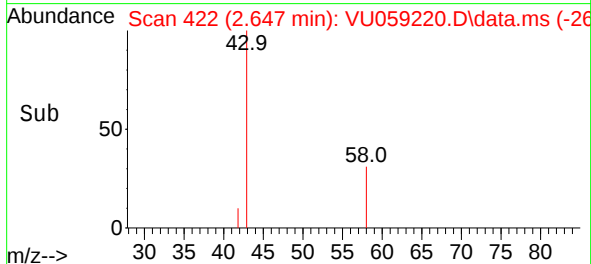
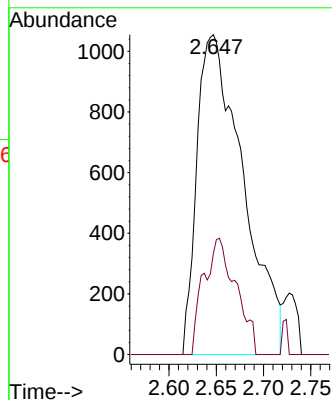
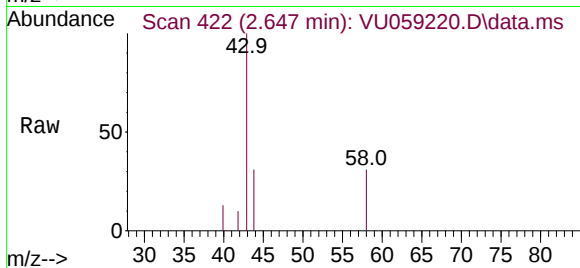
ClientSampleId :

Tgt Ion: 43 Resp: 3574

Ion Ratio Lower Upper

43 100

58 31.5 27.9 41.9



#14

Carbon Disulfide

Concen: 0.216 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059220.D

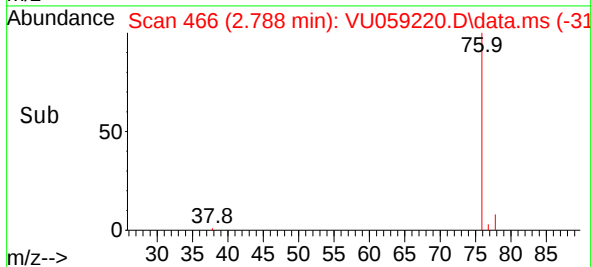
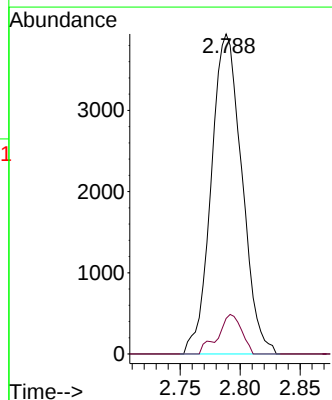
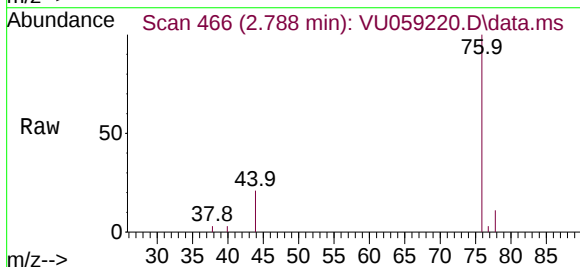
Acq: 12 Jun 2024 13:50

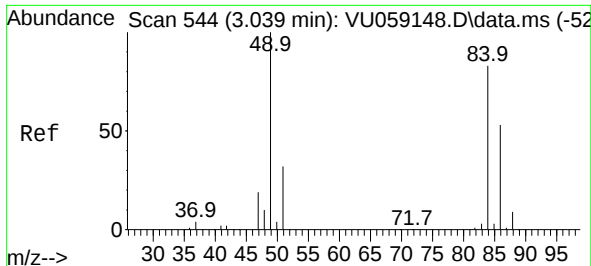
Tgt Ion: 76 Resp: 6999

Ion Ratio Lower Upper

76 100

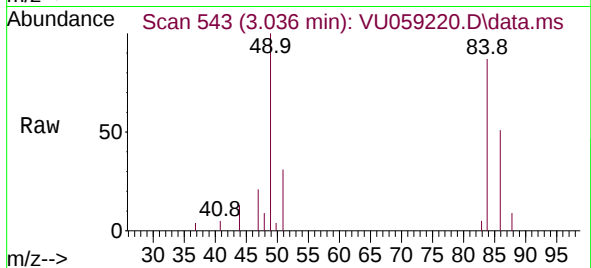
78 11.1 7.3 10.9#



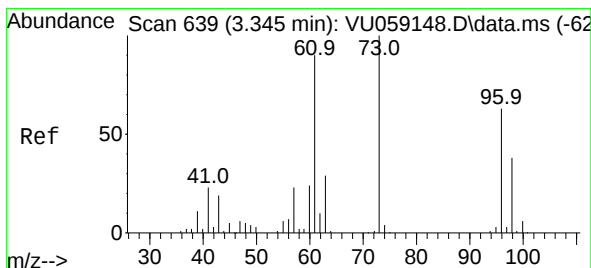
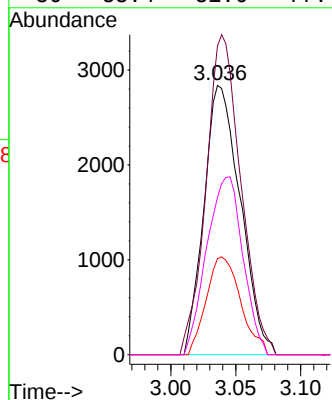
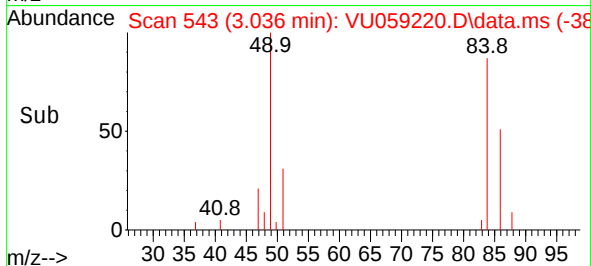


#15
Methylene Chloride
Concen: 0.396 ug/l
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

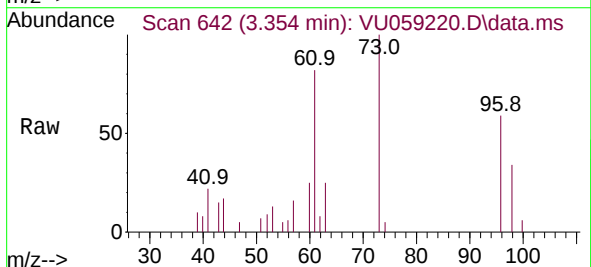
Instrument :
MSVOA_U
ClientSampleId :



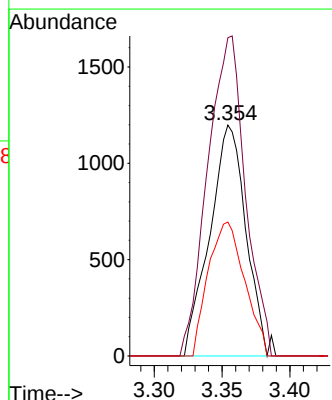
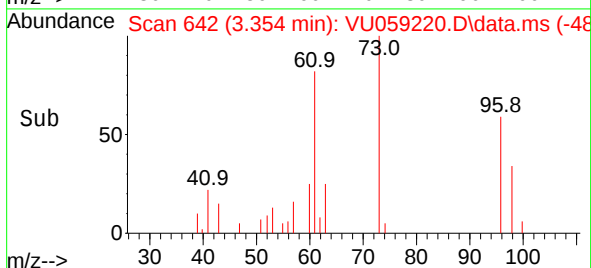
Tgt Ion:	84	Resp:	5533
Ion	Ratio	Lower	Upper
84	100		
49	114.6	96.7	145.1
51	35.6	0.0	76.8
86	58.4	51.6	77.4

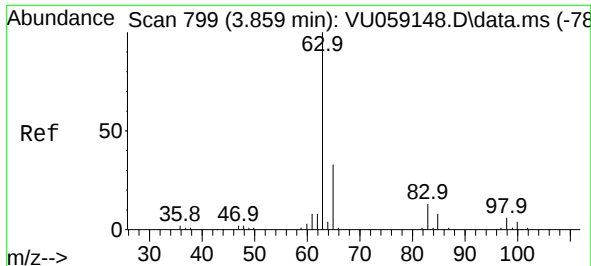


#16
trans-1,2-Dichloroethene
Concen: 0.201 ug/l
RT: 3.354 min Scan# 642
Delta R.T. 0.010 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50



Tgt Ion:	96	Resp:	2235
Ion	Ratio	Lower	Upper
96	100		
61	137.9	114.8	172.2
98	58.0	48.8	73.2

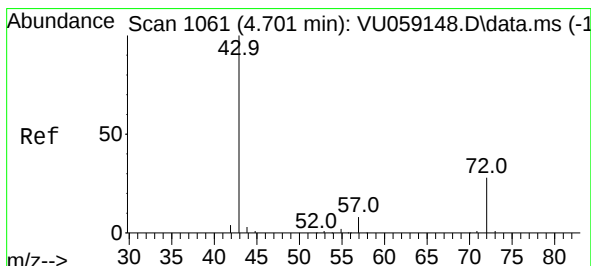
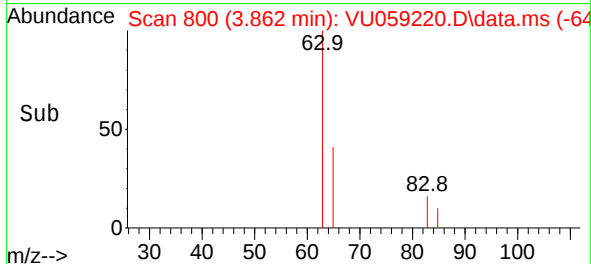
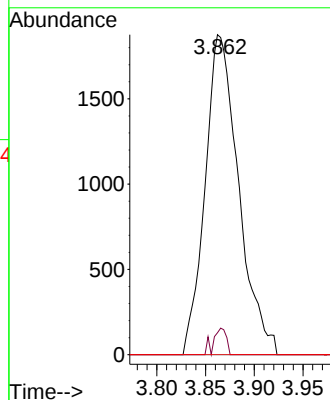
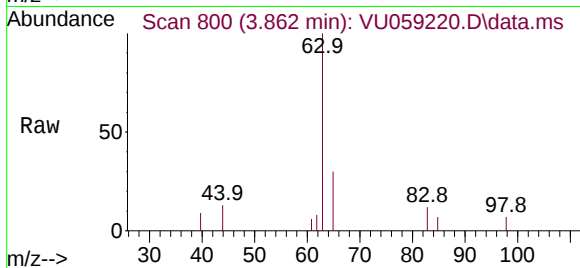




#17
1,1-Dichloroethane
Concen: 0.193 ug/l
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

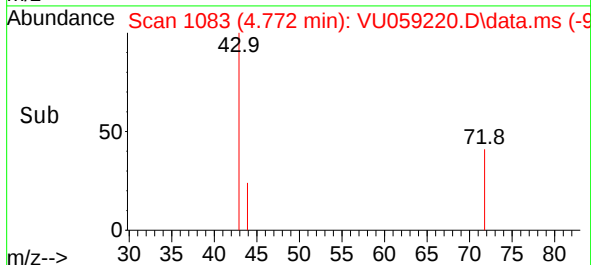
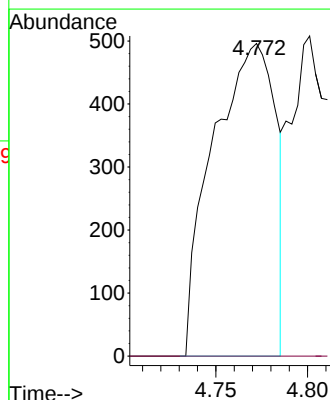
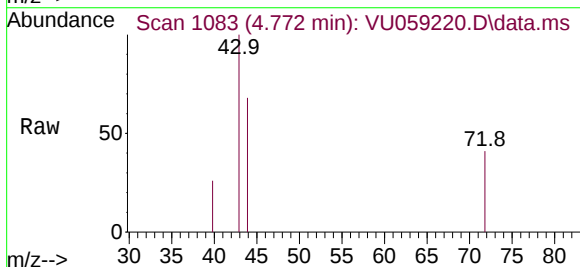
Instrument :
MSVOA_U
ClientSampleId :

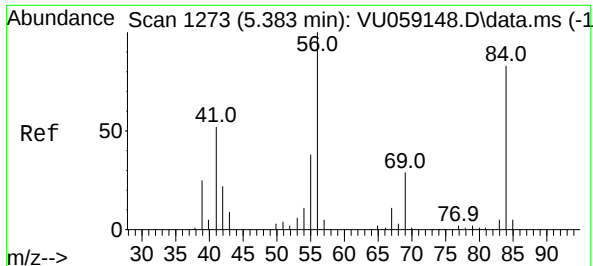
Tgt Ion: 63 Resp: 4488
Ion Ratio Lower Upper
63 100
98 6.9 3.2 9.6
100 0.0 2.1 6.5#



#18
2-Butanone
Concen: 0.303 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. 0.071 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
57 0.0 0.0 16.8





#19

Cyclohexane

Concen: 0.173 ug/l

RT: 5.386 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU059220.D

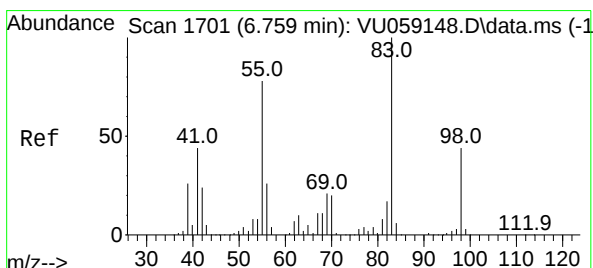
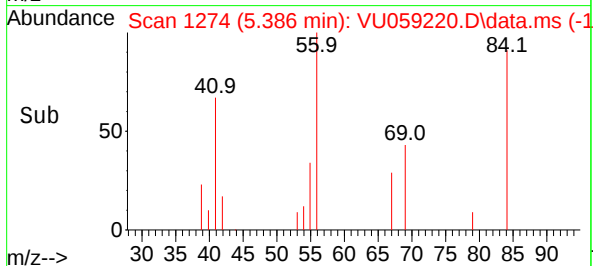
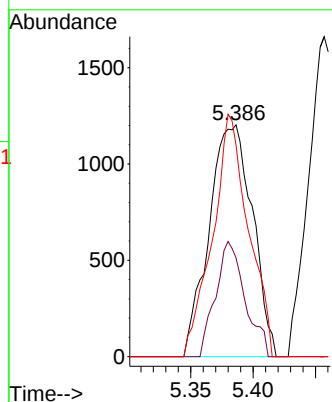
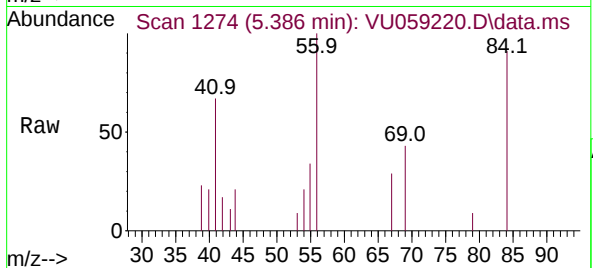
Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 56	Resp: 2906
Ion Ratio	Lower Upper
56	100
69	33.8 23.5 35.3
84	86.5 66.5 99.7



#20

Methylcyclohexane

Concen: 0.173 ug/l

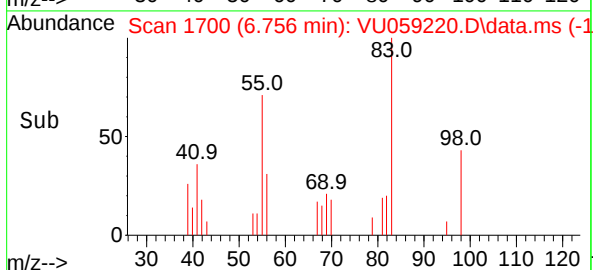
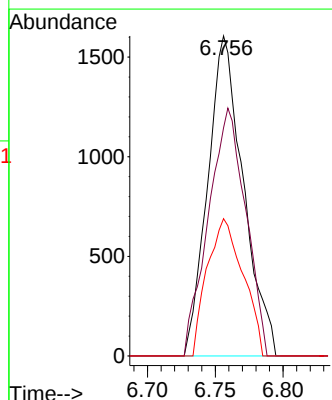
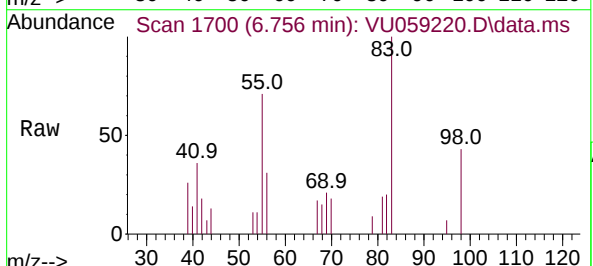
RT: 6.756 min Scan# 1700

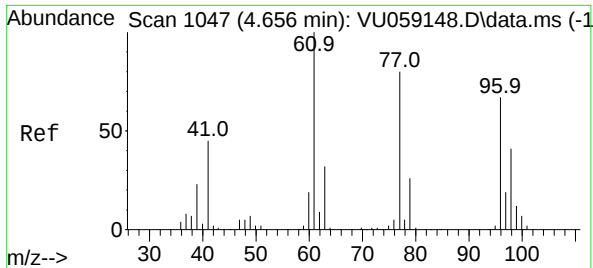
Delta R.T. -0.003 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Tgt Ion: 83	Resp: 2929
Ion Ratio	Lower Upper
83	100
55	81.2 62.7 94.1
98	43.2 35.1 52.7

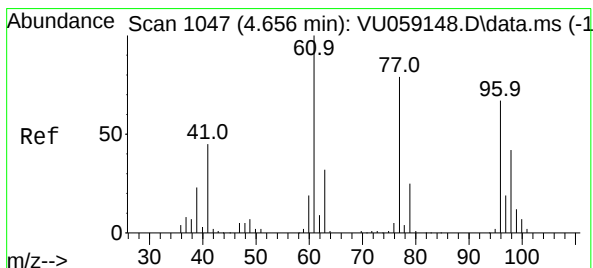
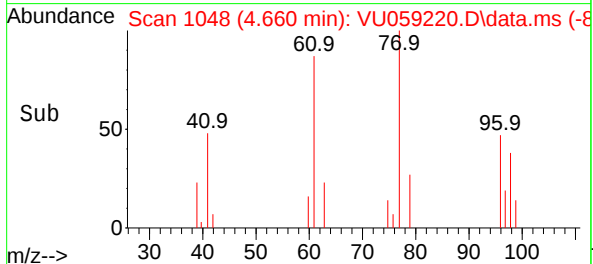
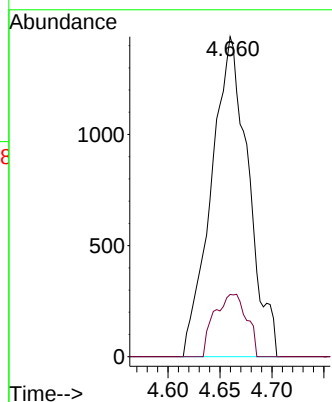
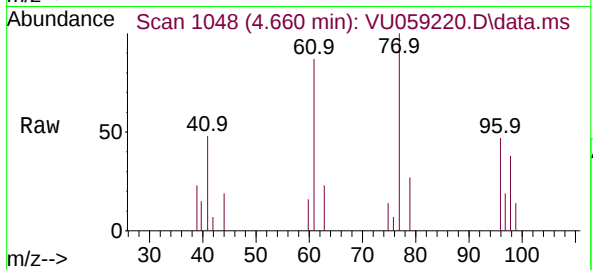




#21
2,2-Dichloropropane
Concen: 0.207 ug/l
RT: 4.660 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

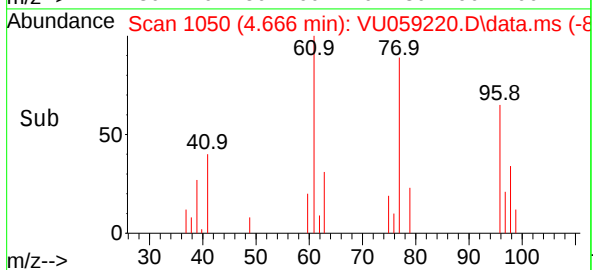
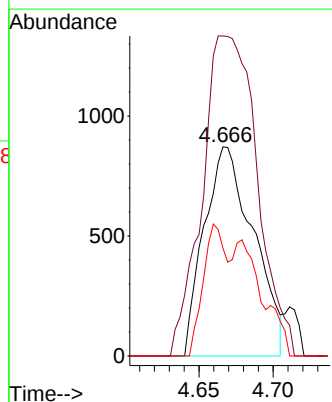
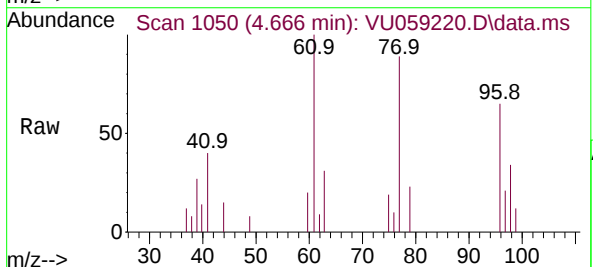
Instrument :
MSVOA_U
ClientSampleId :

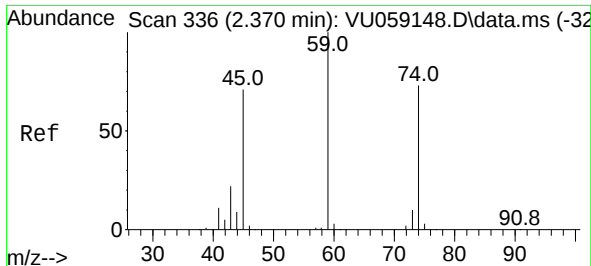
Tgt Ion: 77 Resp: 3569
Ion Ratio Lower Upper
77 100
97 16.9 18.1 27.1#



#22
cis-1,2-Dichloroethene
Concen: 0.167 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

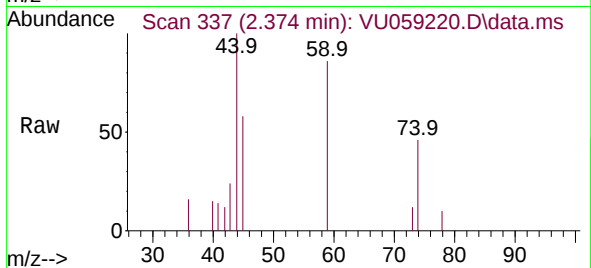
Tgt Ion: 96 Resp: 2017
Ion Ratio Lower Upper
96 100
61 169.9 0.0 388.5
98 28.9 31.8 95.3#





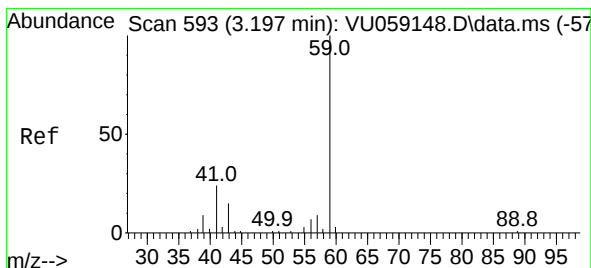
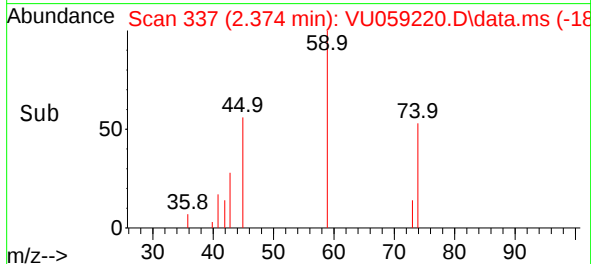
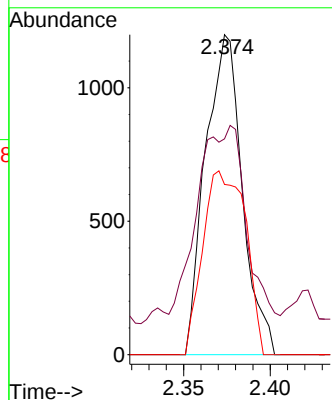
#23
Diethyl Ether
Concen: 0.185 ug/l
RT: 2.374 min Scan# 336
Delta R.T. 0.003 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 59 Resp: 1768

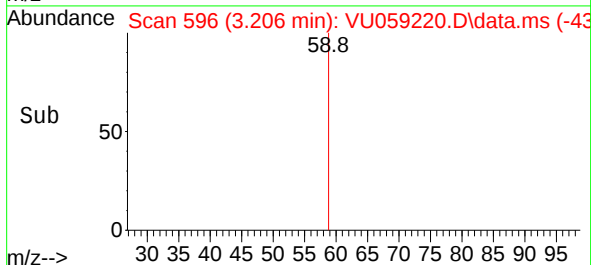
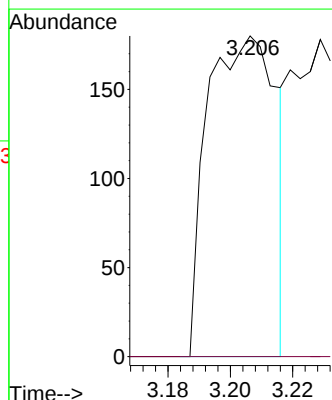
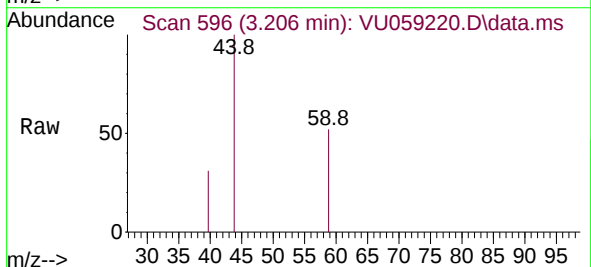
Ion	Ratio	Lower	Upper
59	100		
45	79.1	58.8	88.2
74	66.7	58.0	87.0

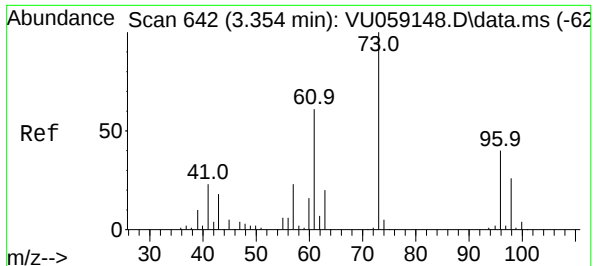


#24
tert-Butyl Alcohol
Concen: 0.447 ug/l
RT: 3.206 min Scan# 596
Delta R.T. 0.009 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion: 59 Resp: 274

Ion	Ratio	Lower	Upper
59	100		
57	0.0	2.9	4.3#





#25

Methyl tert-Butyl Ether

Concen: 0.188 ug/l

RT: 3.357 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

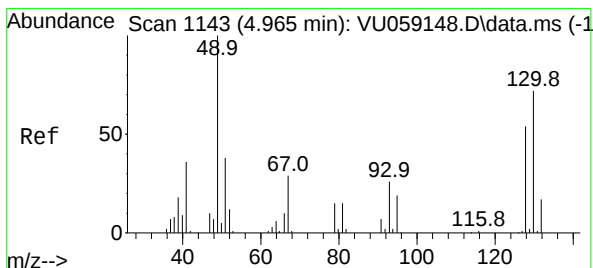
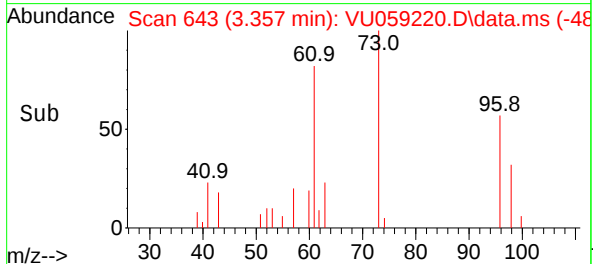
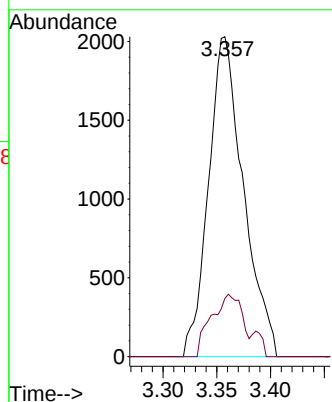
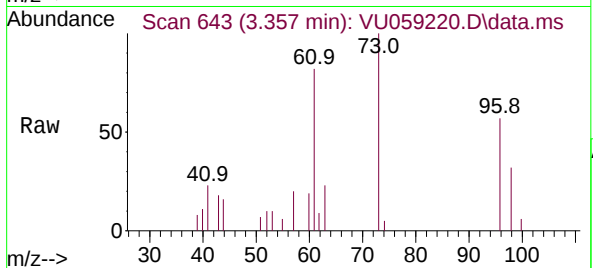
ClientSampleId :

Tgt Ion: 73 Resp: 4584

Ion Ratio Lower Upper

73 100

43 17.2 15.0 22.6



#26

Bromochloromethane

Concen: 0.217 ug/l

RT: 4.981 min Scan# 1148

Delta R.T. 0.016 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

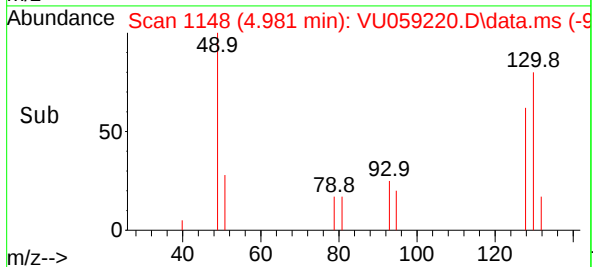
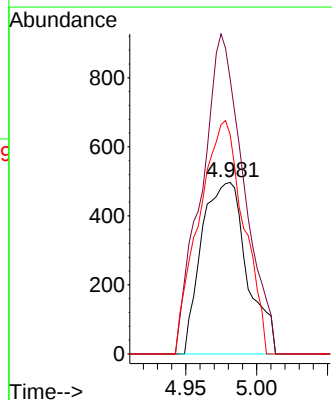
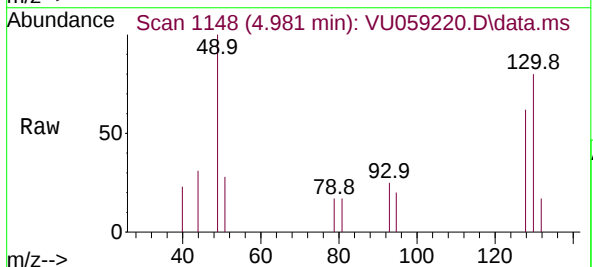
Tgt Ion: 128 Resp: 1107

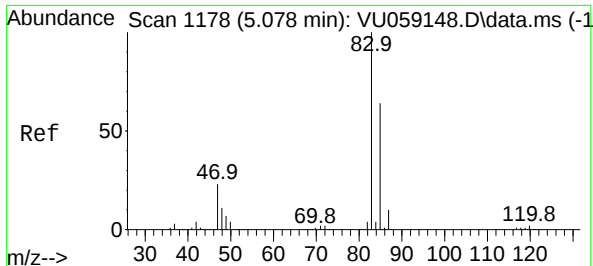
Ion Ratio Lower Upper

128 100

49 173.4 0.0 371.2

130 134.2 104.1 156.1





#27

Chloroform

Concen: 0.216 ug/l

RT: 5.084 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

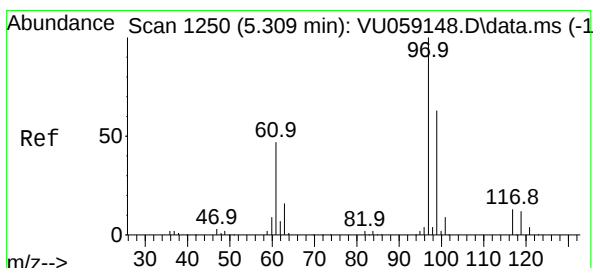
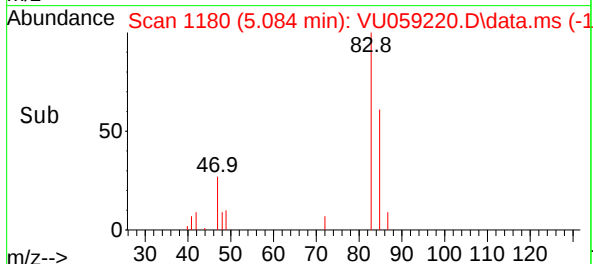
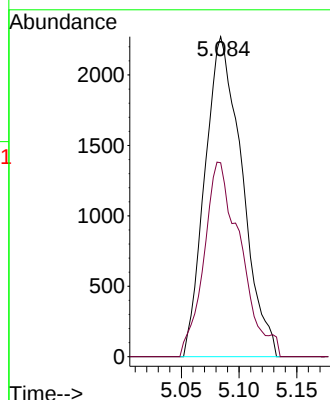
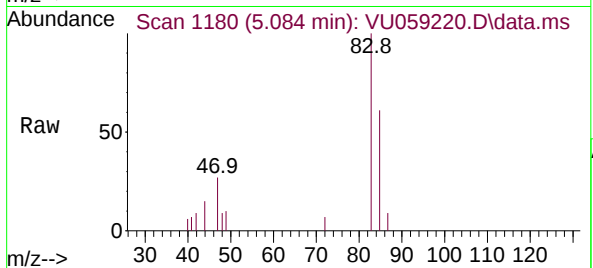
ClientSampleId :

Tgt Ion: 83 Resp: 5057

Ion Ratio Lower Upper

83 100

85 60.6 0.0 127.2



#28

1,1,1-Trichloroethane

Concen: 0.187 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

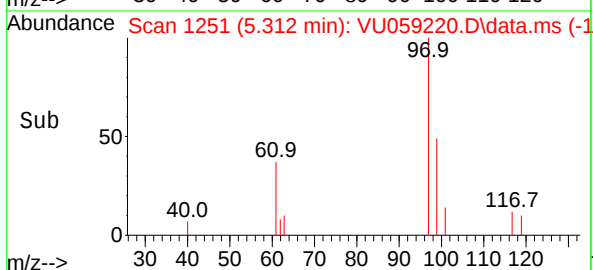
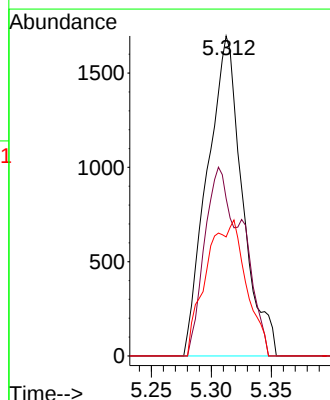
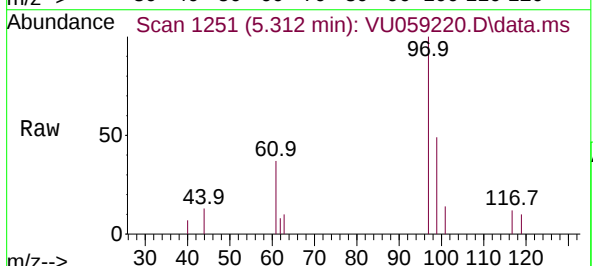
Tgt Ion: 97 Resp: 3454

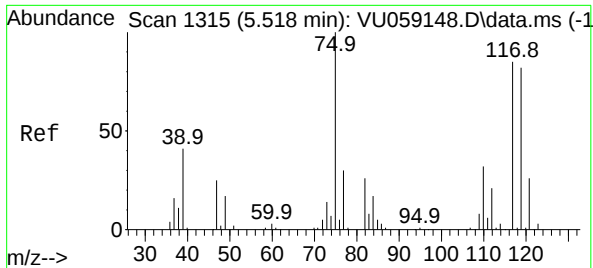
Ion Ratio Lower Upper

97 100

99 64.2 32.0 96.0

61 48.3 23.9 71.7

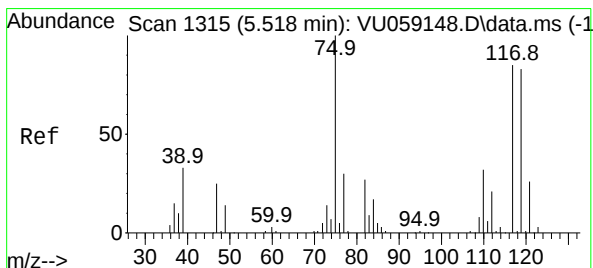
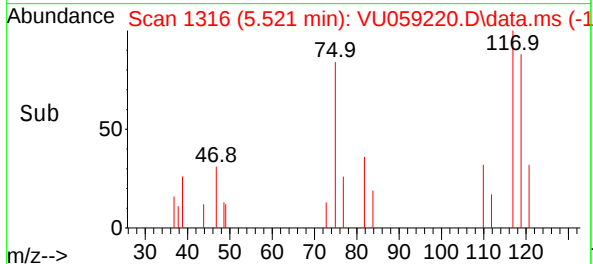
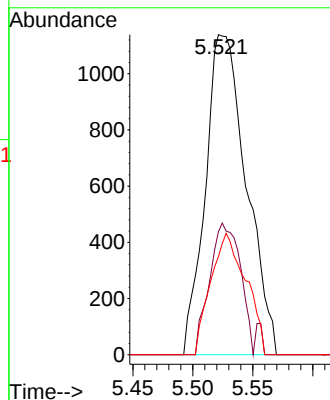
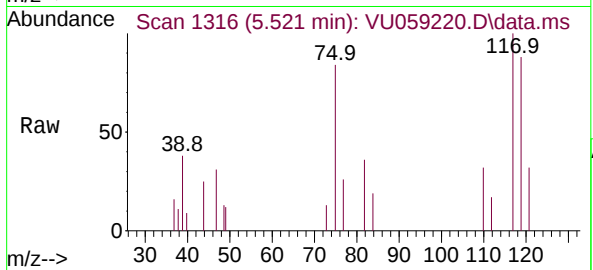




#29
1,1-Dichloropropene
Concen: 0.175 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

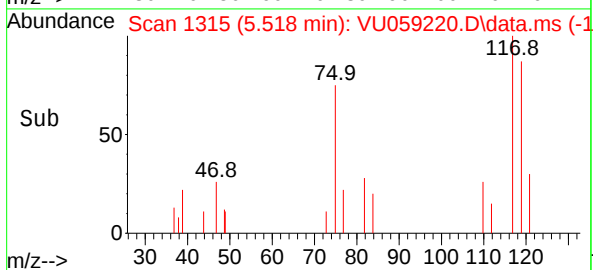
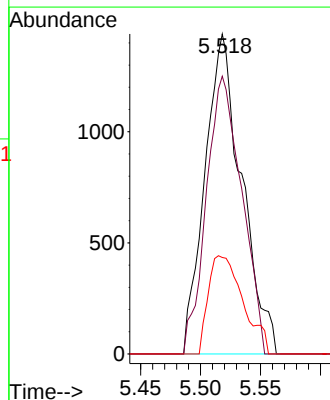
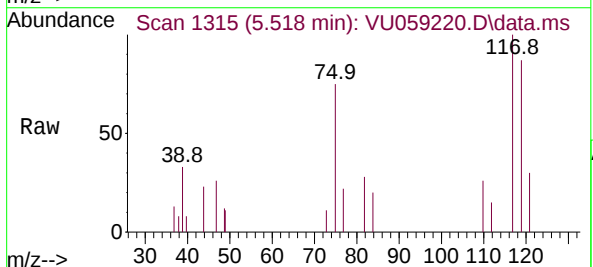
Instrument :
MSVOA_U
ClientSampleId :

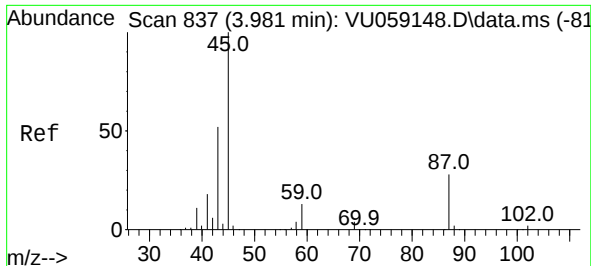
Tgt Ion: 75 Resp: 2703
Ion Ratio Lower Upper
75 100
110 30.9 17.0 50.9
77 32.7 24.6 36.8



#30
Carbon Tetrachloride
Concen: 0.203 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion: 117 Resp: 3070
Ion Ratio Lower Upper
117 100
119 86.8 77.5 116.3
121 30.1 24.6 37.0

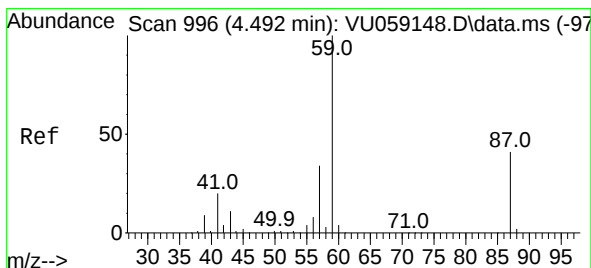
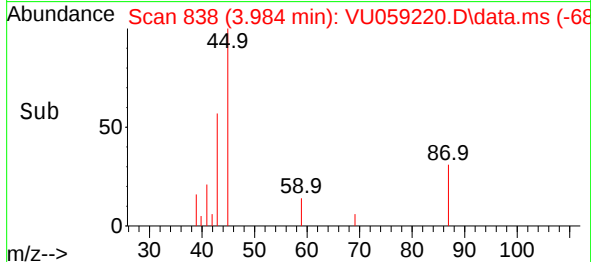
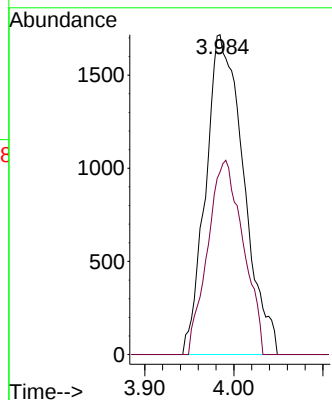
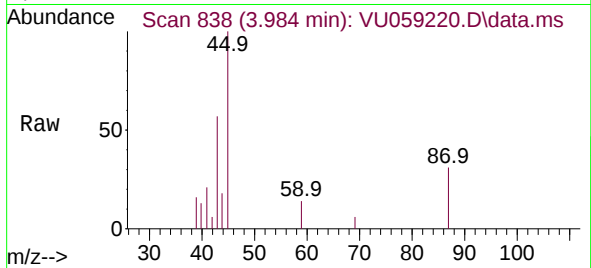




#31
Isopropyl Ether
Concen: 0.166 ug/l
RT: 3.984 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

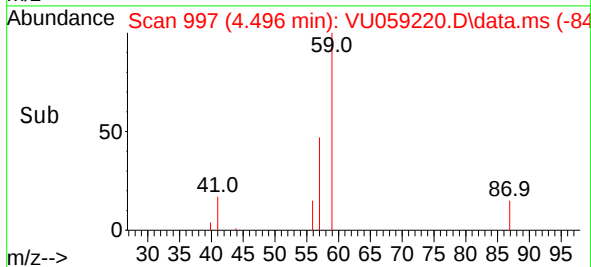
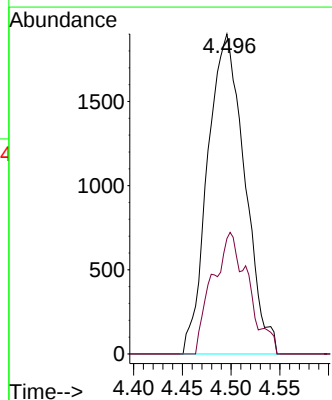
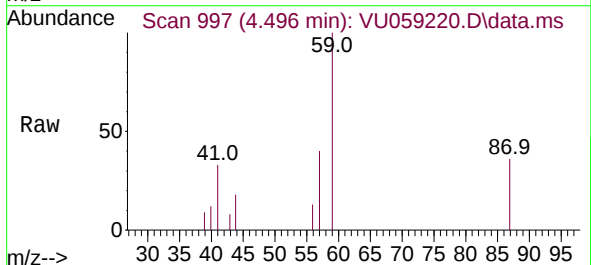
Instrument :
MSVOA_U
ClientSampleId :

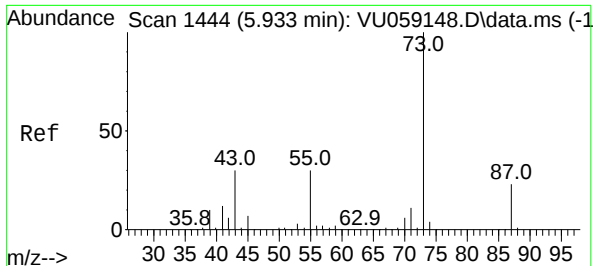
Tgt Ion: 45 Resp: 5067
Ion Ratio Lower Upper
45 100
43 56.8 26.1 78.3



#32
Ethyl-t-butyl ether
Concen: 0.177 ug/l
RT: 4.496 min Scan# 997
Delta R.T. 0.003 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion: 59 Resp: 5018
Ion Ratio Lower Upper
59 100
87 36.9 32.2 48.4

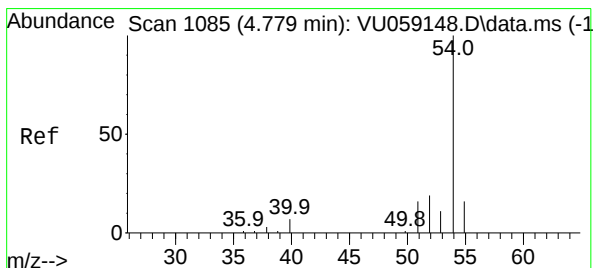
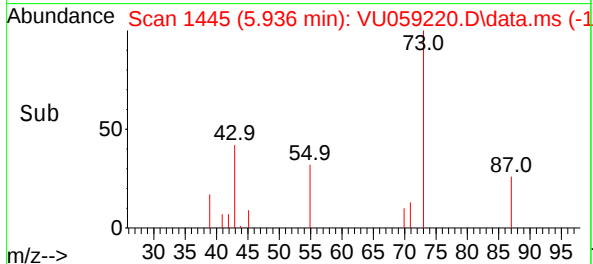
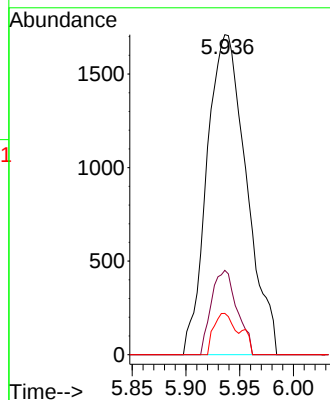
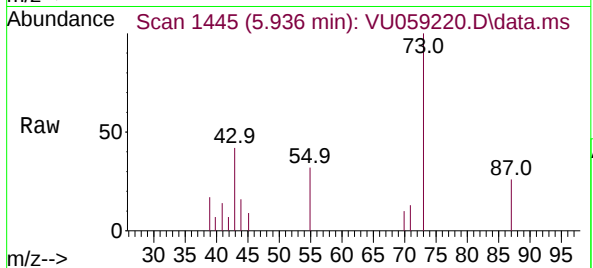




#33
Tert-Amyl methyl ether
Concen: 0.174 ug/l
RT: 5.936 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

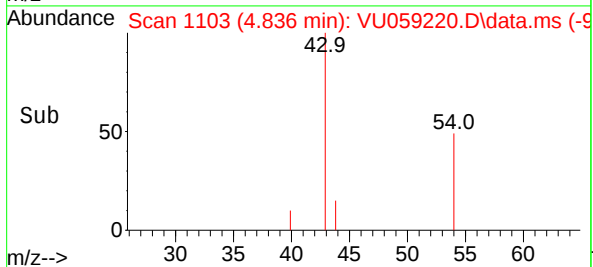
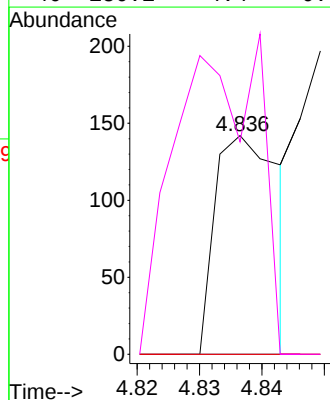
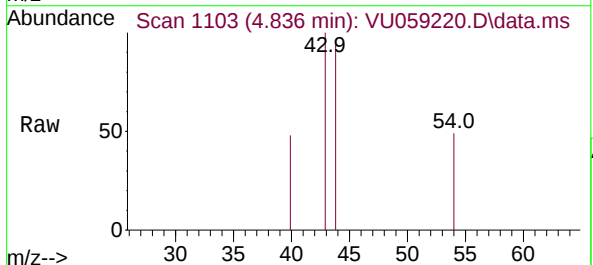
Instrument :
MSVOA_U
ClientSampleId :

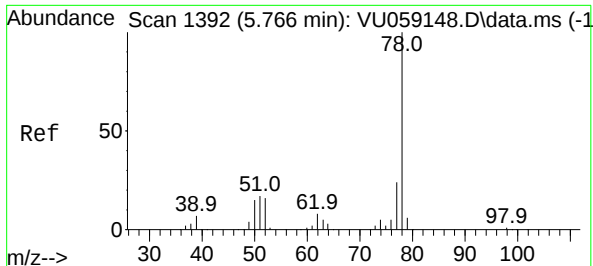
Tgt Ion: 73 Resp: 4353
Ion Ratio Lower Upper
73 100
87 17.3 18.6 27.8#
71 6.8 9.1 13.7#



#34
Propionitrile
Concen: 0.114 ug/l
RT: 4.836 min Scan# 1103
Delta R.T. 0.058 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion: 54 Resp: 101
Ion Ratio Lower Upper
54 100
52 0.0 15.2 22.8#
55 0.0 12.4 18.6#
40 186.1 4.4 6.6#





#35

Benzene

Concen: 0.185 ug/l

RT: 5.775 min Scan# 1400

Delta R.T. 0.010 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

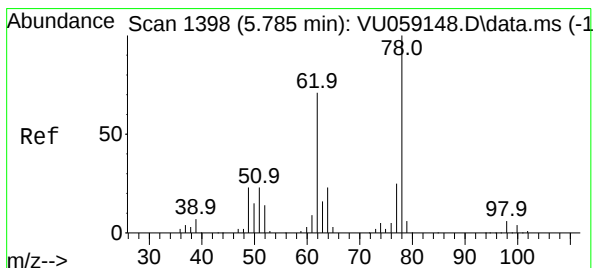
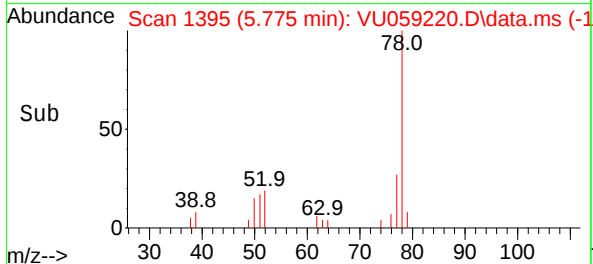
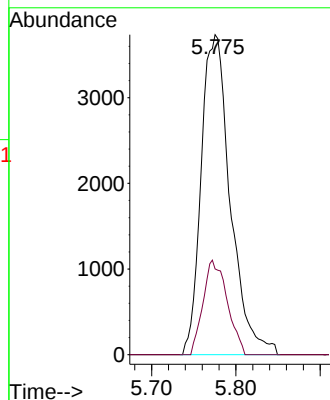
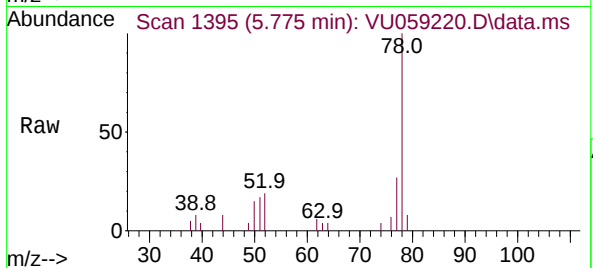
ClientSampleId :

Tgt Ion: 78 Resp: 8969

Ion Ratio Lower Upper

78 100

77 26.8 19.4 29.2



#36

1,2-Dichloroethane

Concen: 0.179 ug/l

RT: 5.798 min Scan# 1402

Delta R.T. 0.013 min

Lab File: VU059220.D

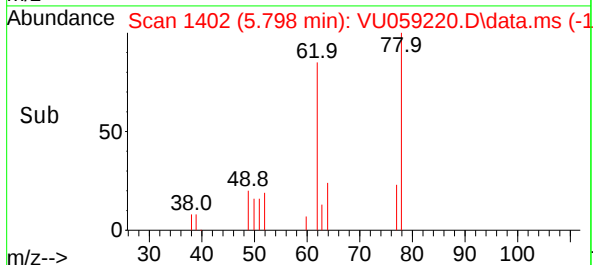
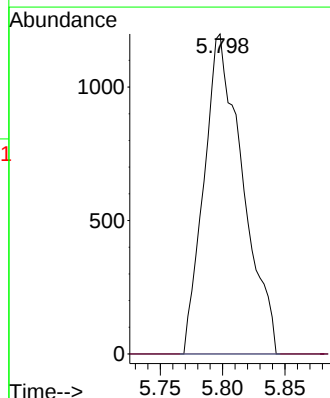
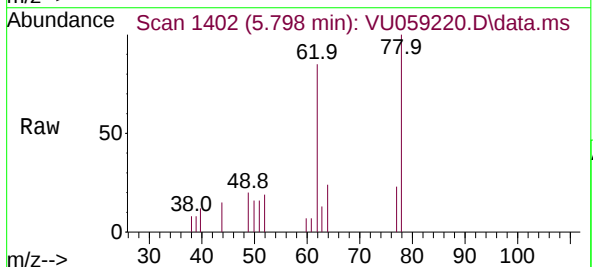
Acq: 12 Jun 2024 13:50

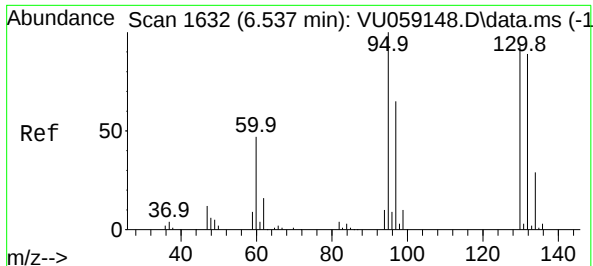
Tgt Ion: 62 Resp: 2584

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#





#37

Trichloroethene

Concen: 0.197 ug/l

RT: 6.547 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

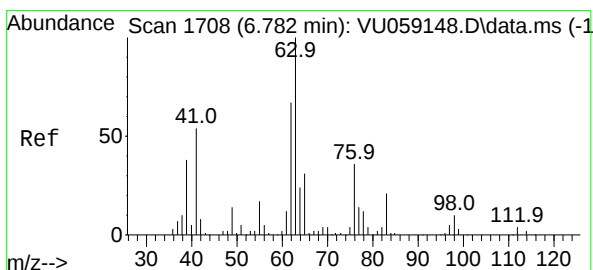
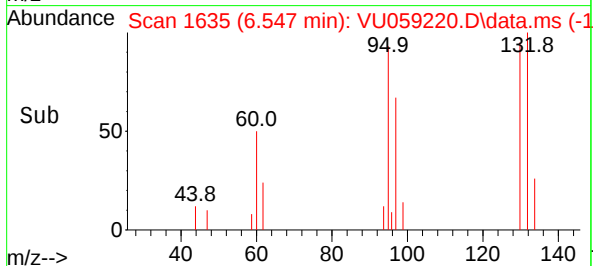
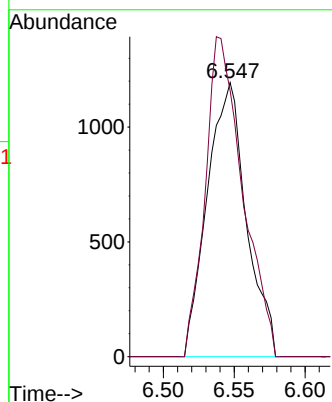
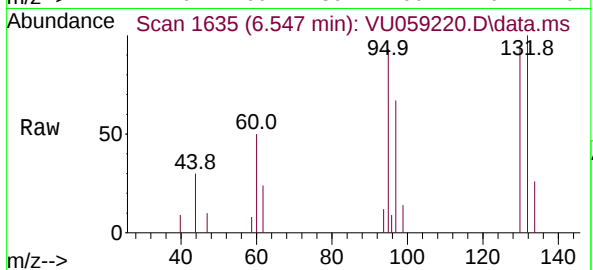
ClientSampleId :

Tgt Ion:130 Resp: 2292

Ion Ratio Lower Upper

130 100

95 97.2 85.6 128.4



#38

1,2-Dichloropropane

Concen: 0.171 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.006 min

Lab File: VU059220.D

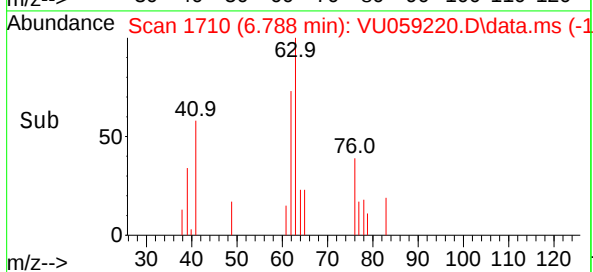
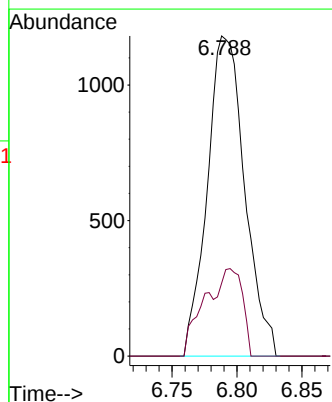
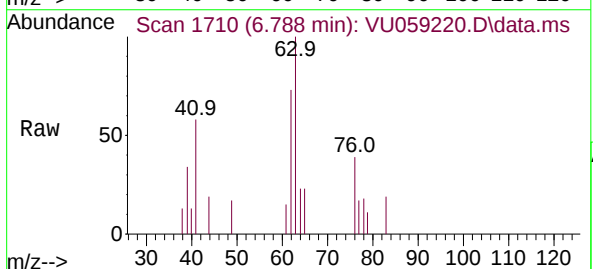
Acq: 12 Jun 2024 13:50

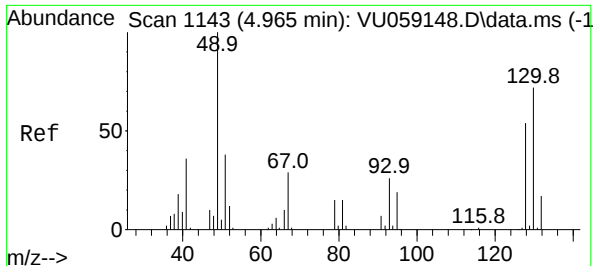
Tgt Ion: 63 Resp: 2365

Ion Ratio Lower Upper

63 100

65 22.8 24.6 37.0#





#39

Methacrylonitrile

Concen: 0.048 ug/l

RT: 4.991 min Scan# 1151

Delta R.T. 0.026 min

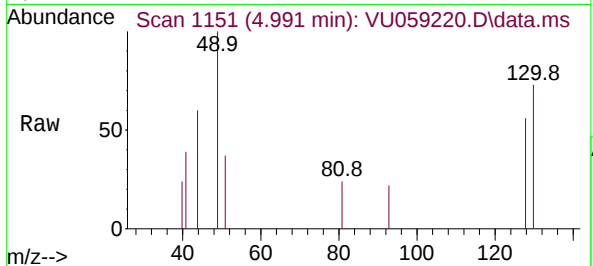
Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 158

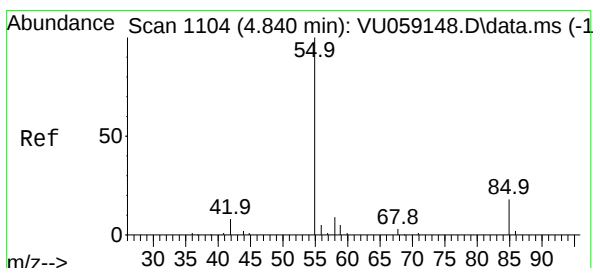
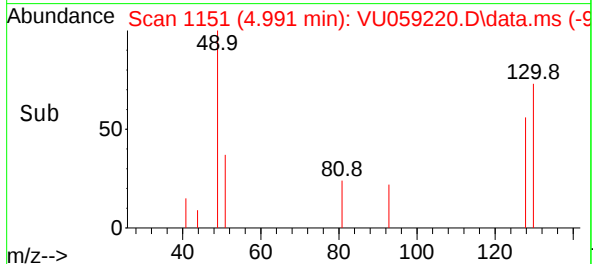
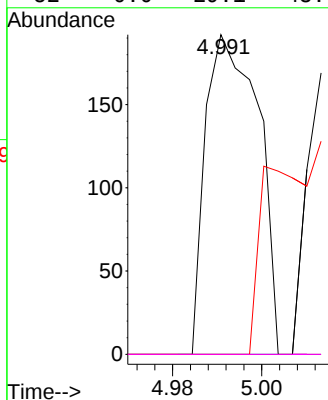
Ion Ratio Lower Upper

41 100

67 0.0 68.2 102.4#

39 52.5 43.4 65.2

52 0.0 29.1 43.7#



#40

Methyl acrylate

Concen: 0.016 ug/l

RT: 4.894 min Scan# 1121

Delta R.T. 0.055 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Tgt Ion: 55 Resp: 95

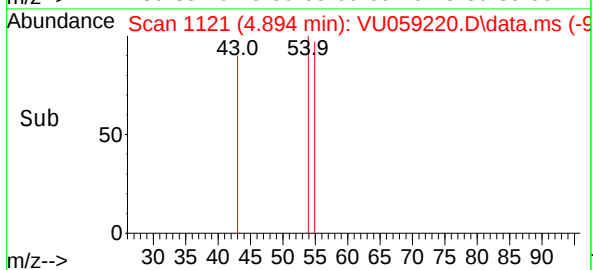
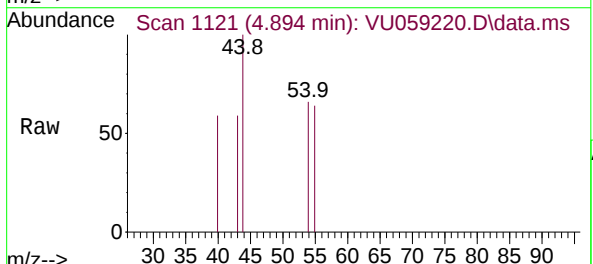
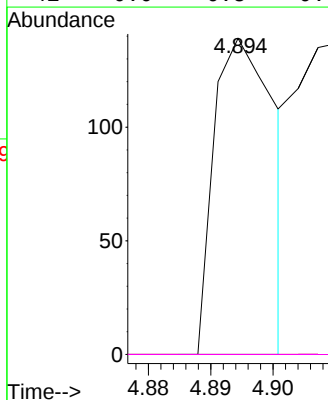
Ion Ratio Lower Upper

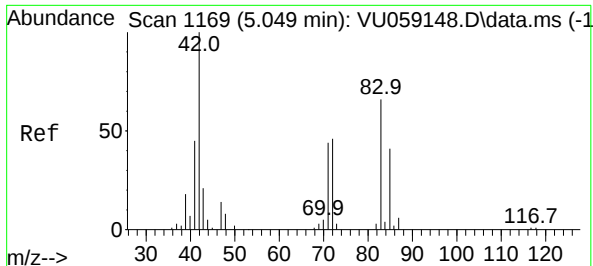
55 100

85 0.0 11.8 17.6#

58 0.0 6.0 9.0#

42 0.0 6.3 9.5#





#41

Tetrahydrofuran

Concen: 0.182 ug/l

RT: 5.074 min Scan# 1169

Delta R.T. 0.026 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

ClientSampleId :

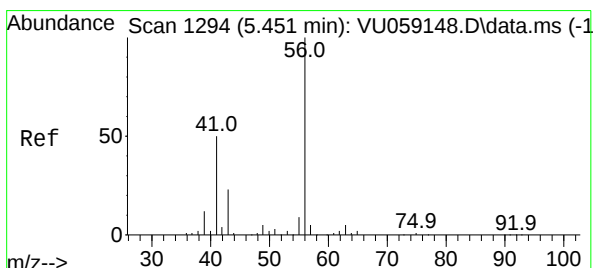
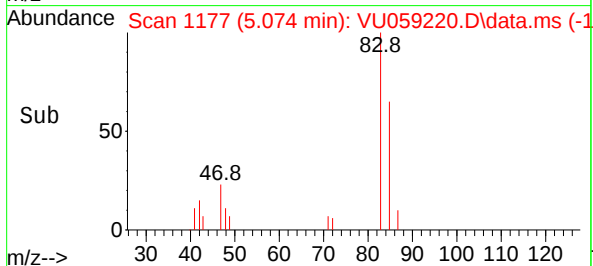
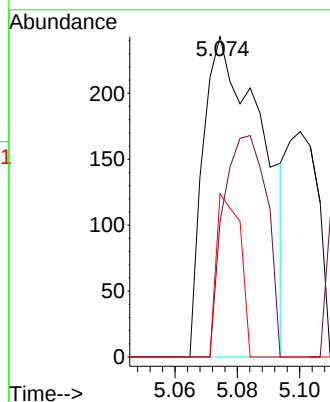
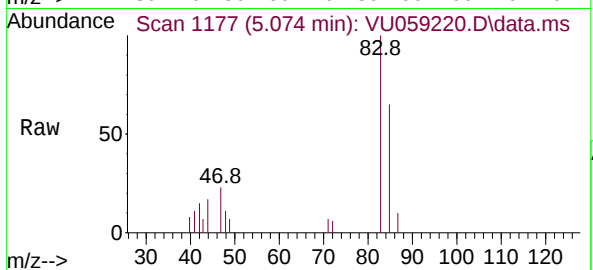
Tgt Ion: 42 Resp: 323

Ion Ratio Lower Upper

42 100

72 50.2 40.7 61.1

71 20.4 36.5 54.7#



#42

1-Chlorobutane

Concen: 0.180 ug/l

RT: 5.457 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VU059220.D

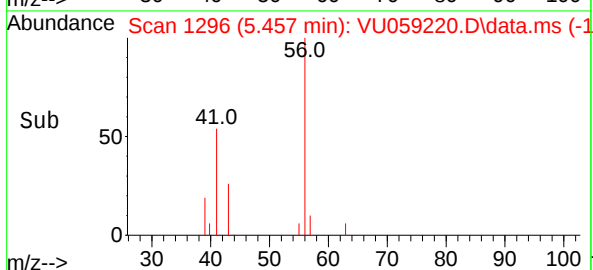
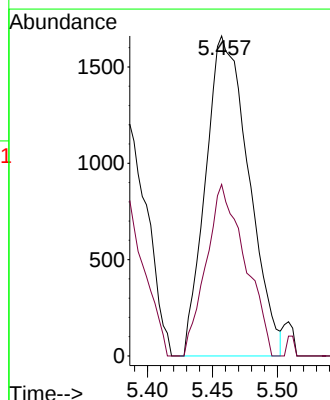
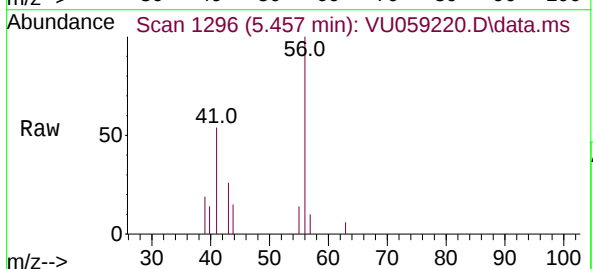
Acq: 12 Jun 2024 13:50

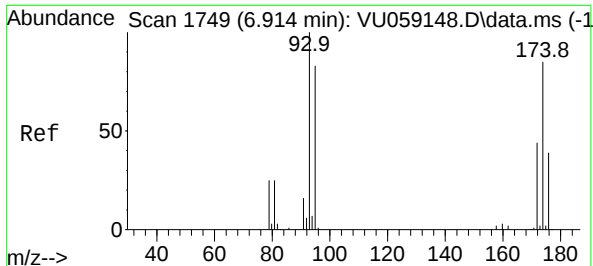
Tgt Ion: 56 Resp: 3836

Ion Ratio Lower Upper

56 100

41 48.3 25.7 77.1





#43

Dibromomethane

Concen: 0.179 ug/l

RT: 6.930 min Scan# 1

Delta R.T. 0.016 min

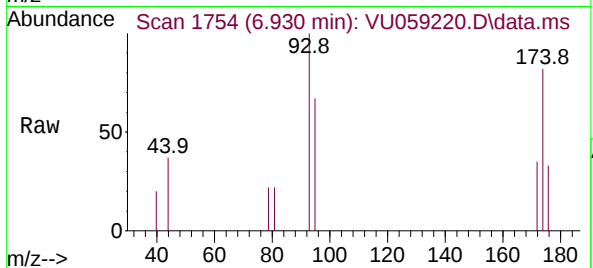
Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

ClientSampleId :



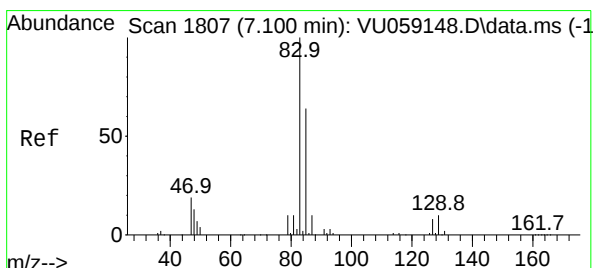
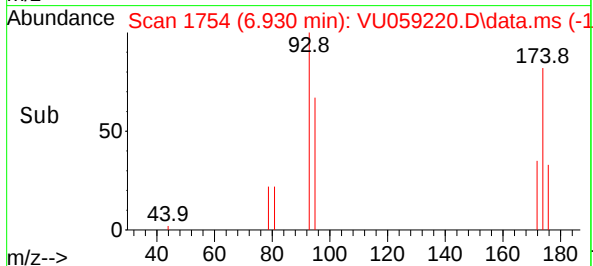
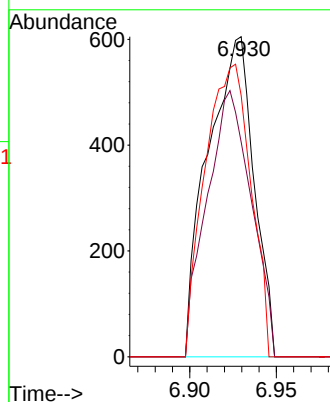
Tgt Ion: 93 Resp: 1118

Ion Ratio Lower Upper

93 100

95 80.4 66.1 99.1

174 91.1 67.2 100.8



#44

Bromodichloromethane

Concen: 0.201 ug/l

RT: 7.106 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

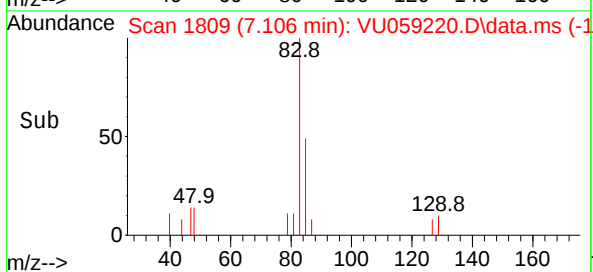
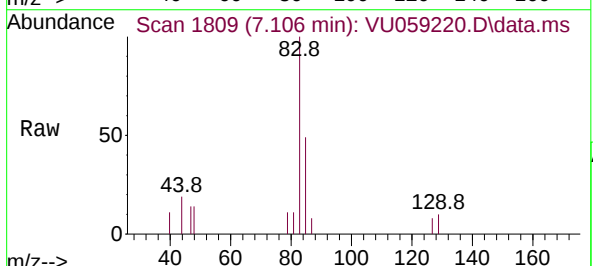
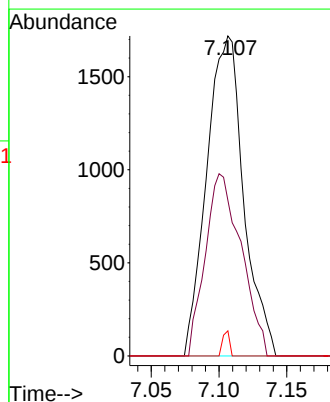
Tgt Ion: 83 Resp: 3259

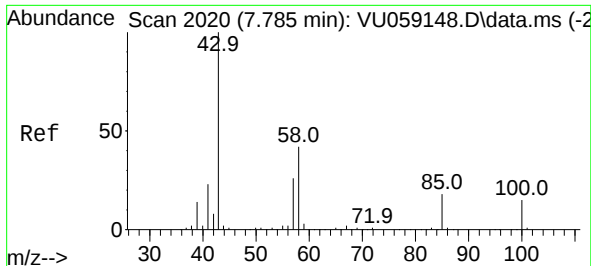
Ion Ratio Lower Upper

83 100

85 48.6 51.0 76.4#

127 7.9 6.4 9.6





#45

4-Methyl-2-Pentanone

Concen: 0.722 ug/l

RT: 7.801 min Scan# 2020

Delta R.T. 0.016 min

Lab File: VU059220.D

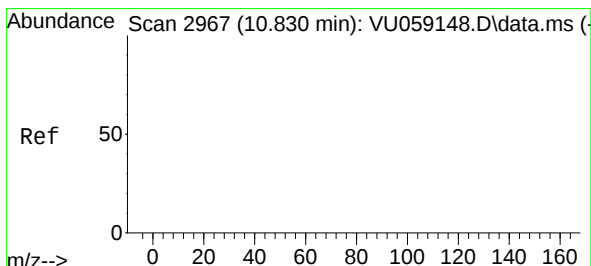
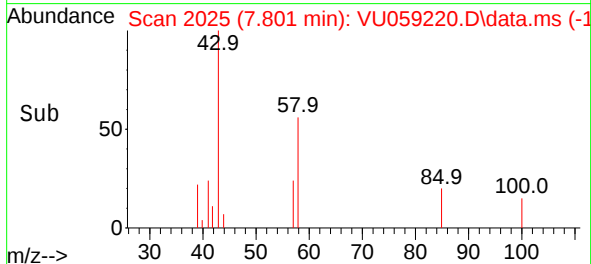
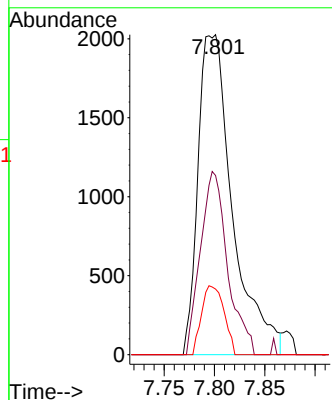
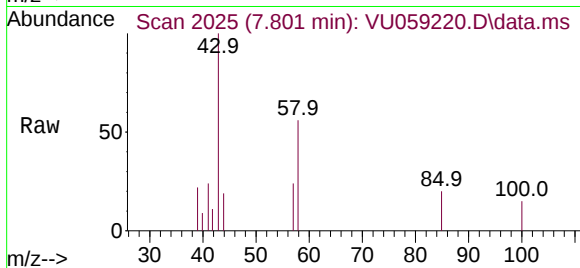
Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	43	Resp:	4836
Ion	Ratio	Lower	Upper
43	100		
58	45.0	21.1	63.3
85	13.9	14.6	22.0#



#46

t-1,4-Dichloro-2-butene

Concen: 0.871 ug/l

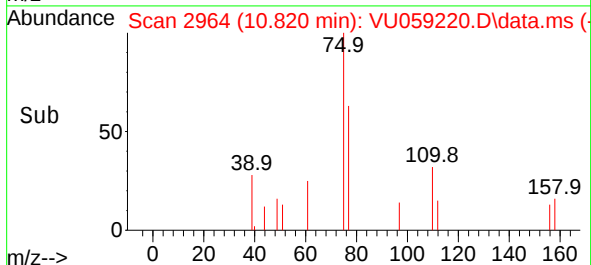
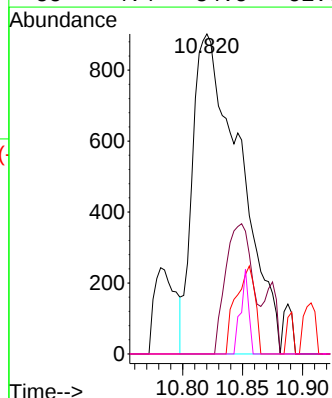
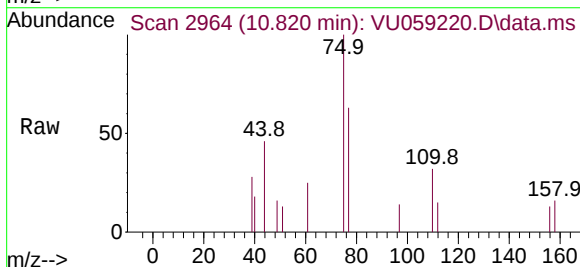
RT: 10.820 min Scan# 2964

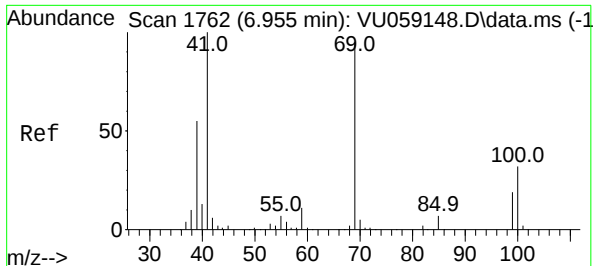
Delta R.T. -0.010 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Tgt Ion:	75	Resp:	2476
Ion	Ratio	Lower	Upper
75	100		
53	23.3	72.2	108.4#
89	11.1	47.0	70.4#
88	4.4	34.5	51.7#

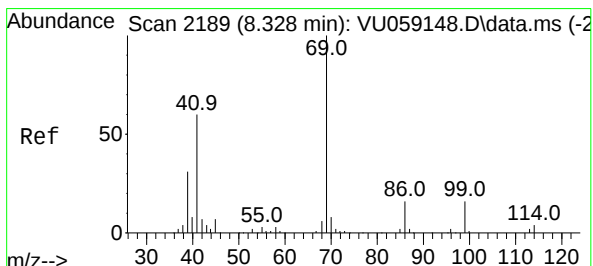
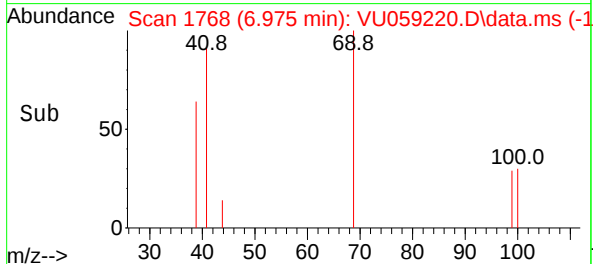
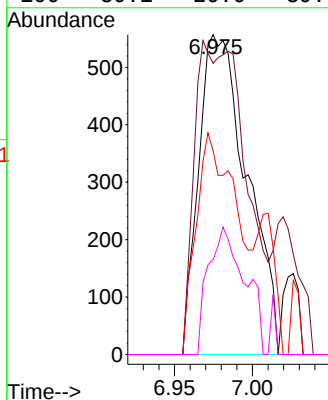
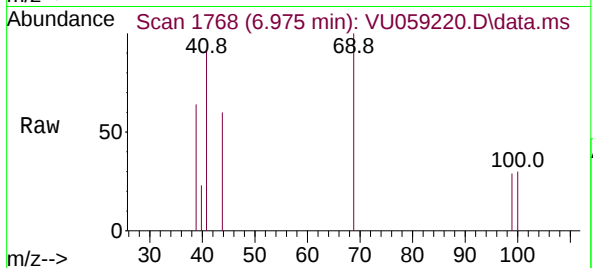




#47
Methyl methacrylate
Concen: 0.223 ug/l
RT: 6.975 min Scan# 1199
Delta R.T. 0.019 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

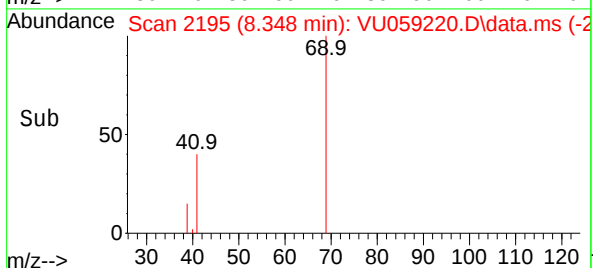
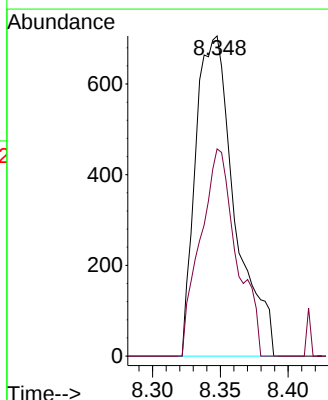
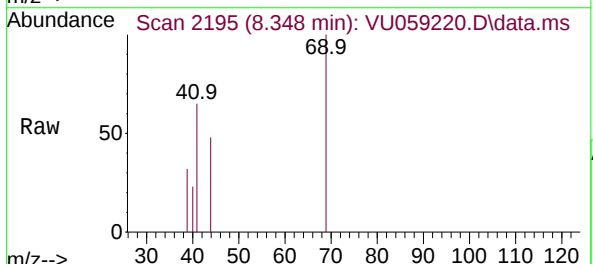
Instrument :
MSVOA_U
ClientSampleId :

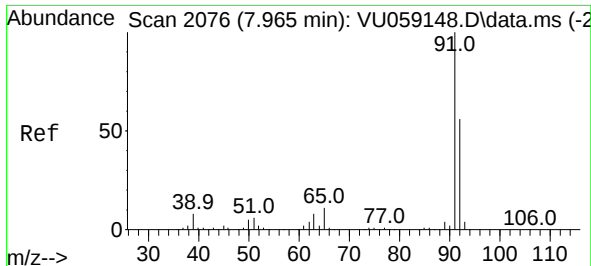
Tgt Ion:	69	Resp:	1199
Ion	Ratio	Lower	Upper
69	100		
41	40.3	0.0	208.8
39	56.5	46.0	69.0
100	30.1	26.0	39.0



#48
Ethyl methacrylate
Concen: 0.149 ug/l
RT: 8.348 min Scan# 2195
Delta R.T. 0.019 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion:	69	Resp:	1416
Ion	Ratio	Lower	Upper
69	100		
41	59.8	30.2	90.6





#49

Toluene

Concen: 0.175 ug/l

RT: 7.971 min Scan# 2076

Delta R.T. 0.006 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

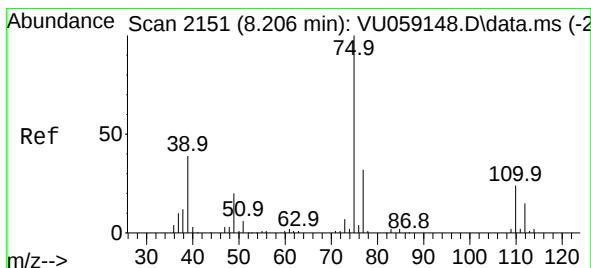
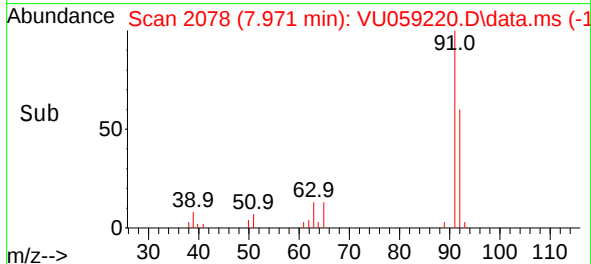
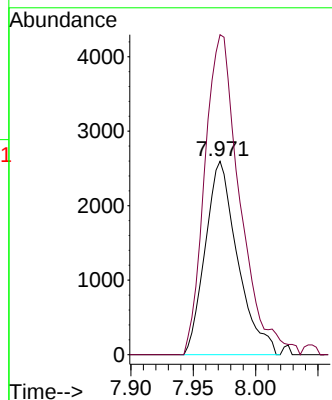
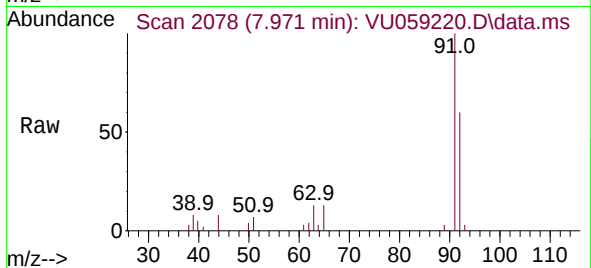
ClientSampleId :

Tgt Ion: 92 Resp: 4675

Ion Ratio Lower Upper

92 100

91 179.8 143.4 215.0



#50

t-1,3-Dichloropropene

Concen: 0.185 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.006 min

Lab File: VU059220.D

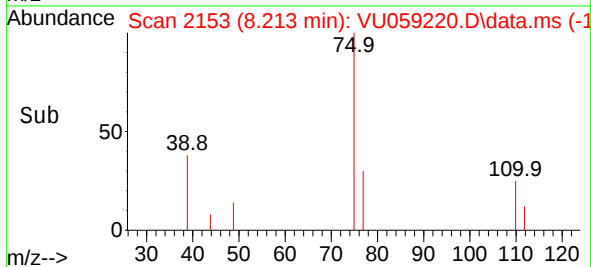
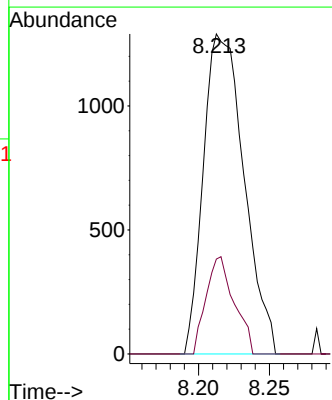
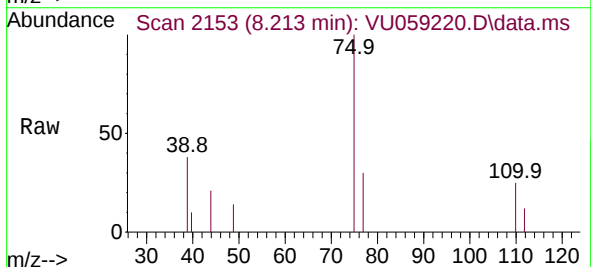
Acq: 12 Jun 2024 13:50

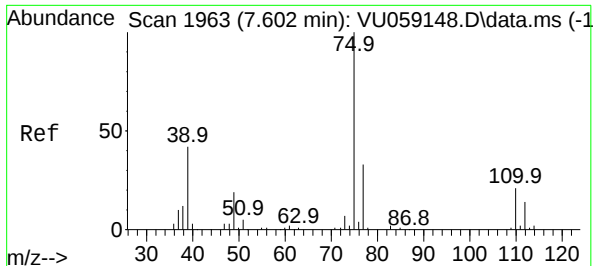
Tgt Ion: 75 Resp: 2564

Ion Ratio Lower Upper

75 100

77 29.6 25.3 37.9

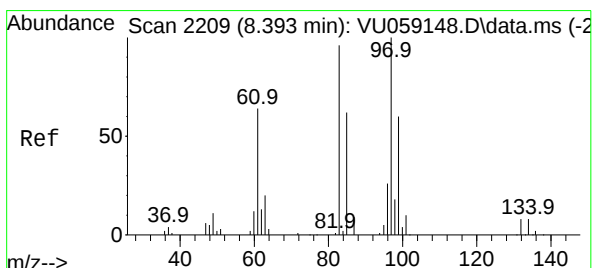
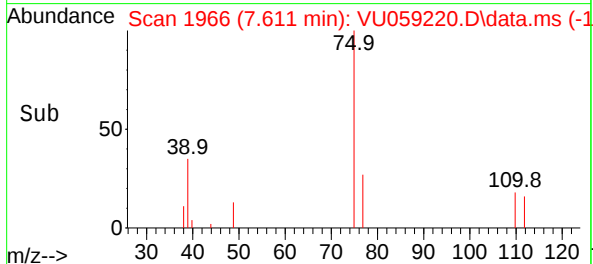
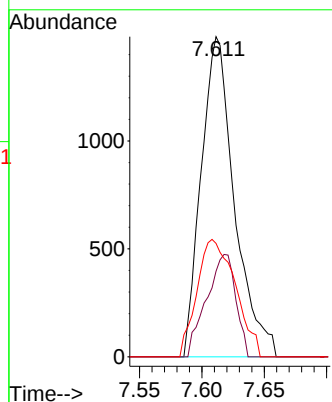
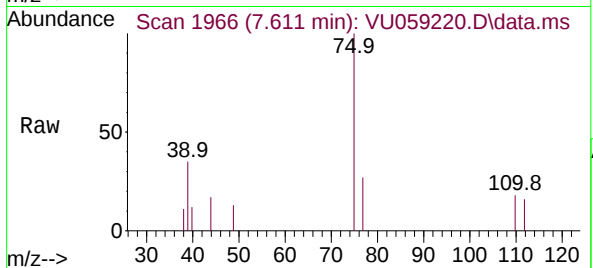




#51
 cis-1,3-Dichloropropene
 Concen: 0.162 ug/l
 RT: 7.611 min Scan# 1966
 Delta R.T. 0.010 min
 Lab File: VU059220.D
 Acq: 12 Jun 2024 13:50

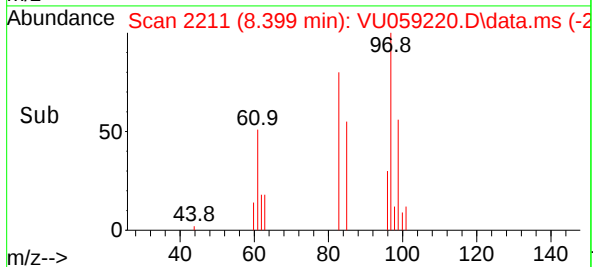
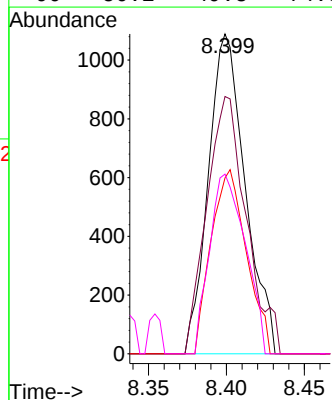
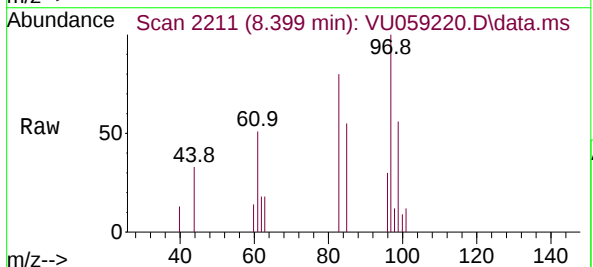
Instrument :
 MSVOA_U
 ClientSampleId :

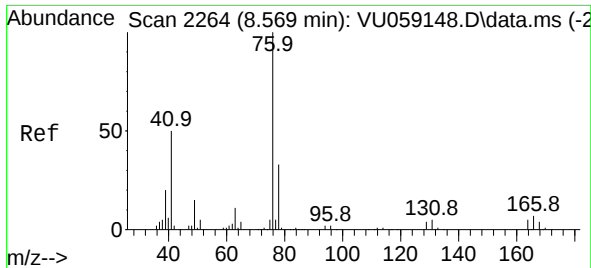
Tgt Ion: 75 Resp: 2748
 Ion Ratio Lower Upper
 75 100
 77 26.7 26.0 39.0
 39 35.4 33.2 49.8



#52
 1,1,2-Trichloroethane
 Concen: 0.194 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. 0.006 min
 Lab File: VU059220.D
 Acq: 12 Jun 2024 13:50

Tgt Ion: 97 Resp: 1793
 Ion Ratio Lower Upper
 97 100
 83 80.4 76.4 114.6
 85 55.0 49.6 74.4
 99 56.2 49.8 74.8

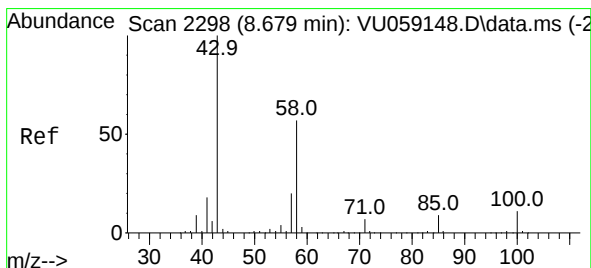
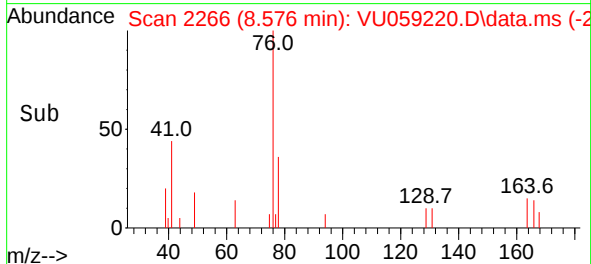
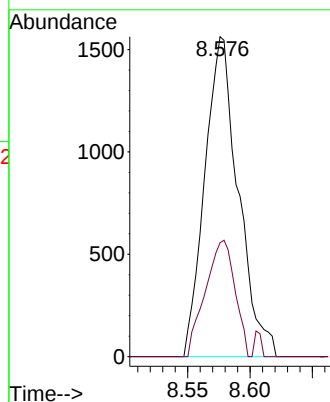
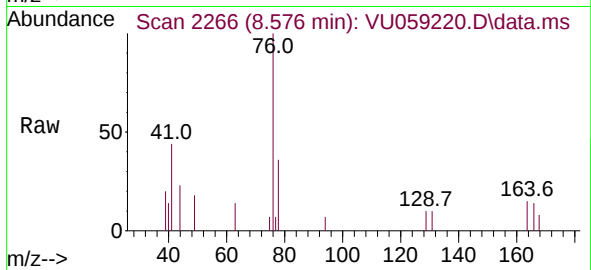




#53
1,3-Dichloropropane
Concen: 0.183 ug/l
RT: 8.576 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

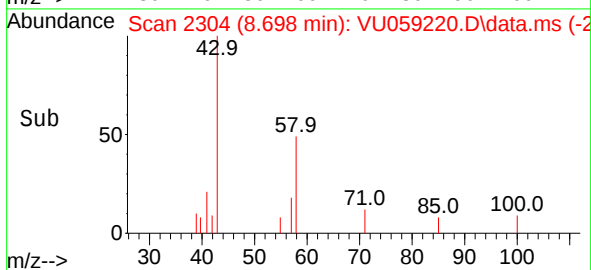
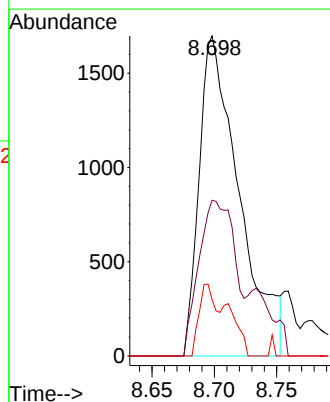
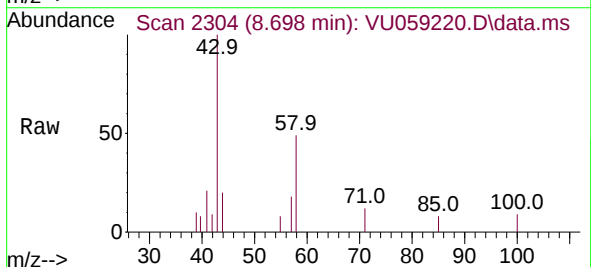
Instrument :
MSVOA_U
ClientSampleId :

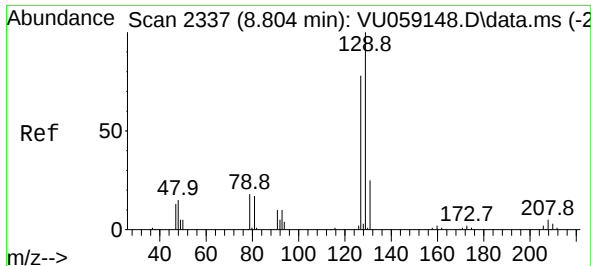
Tgt Ion: 76 Resp: 2916
Ion Ratio Lower Upper
76 100
78 32.1 25.4 38.2



#54
2-Hexanone
Concen: 0.730 ug/l
RT: 8.698 min Scan# 2304
Delta R.T. 0.019 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion: 43 Resp: 3789
Ion Ratio Lower Upper
43 100
58 43.8 38.6 78.6
57 9.8 0.0 39.5





#55

Dibromochloromethane

Concen: 0.210 ug/l

RT: 8.811 min Scan# 2339

Delta R.T. 0.006 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

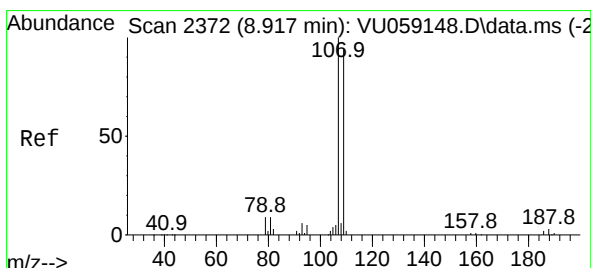
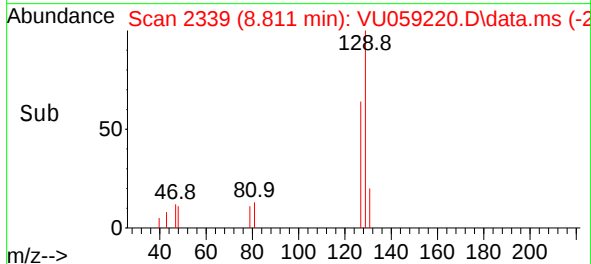
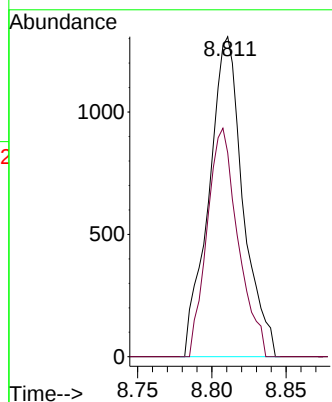
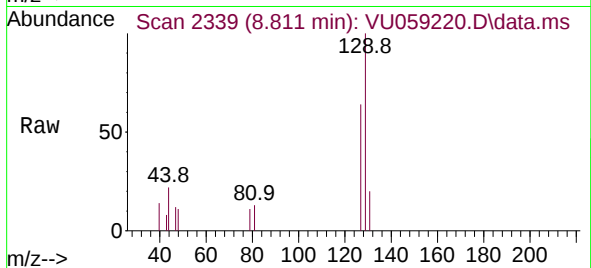
ClientSampleId :

Tgt Ion:129 Resp: 2094

Ion Ratio Lower Upper

129 100

127 64.8 61.9 92.9



#56

1,2-Dibromoethane

Concen: 0.159 ug/l

RT: 8.923 min Scan# 2374

Delta R.T. 0.006 min

Lab File: VU059220.D

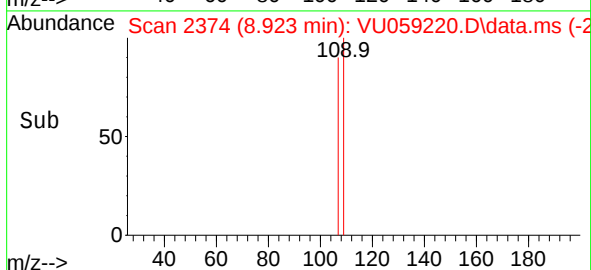
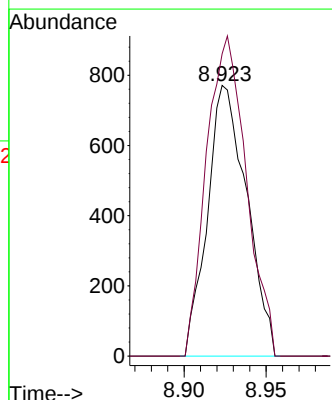
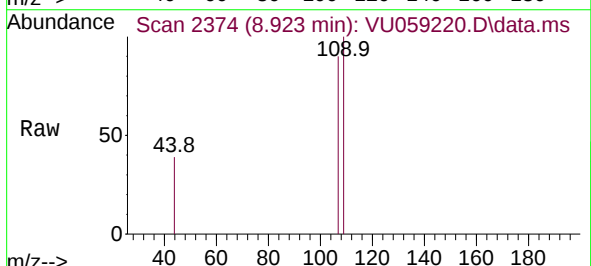
Acq: 12 Jun 2024 13:50

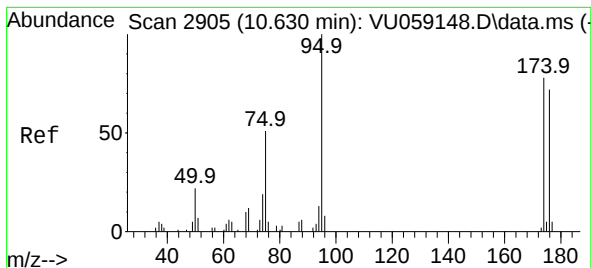
Tgt Ion:107 Resp: 1284

Ion Ratio Lower Upper

107 100

109 120.2 0.0 188.2





#57

4-Bromofluorobenzene

Concen: 0.888 ug/l

RT: 10.634 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

ClientSampleId :

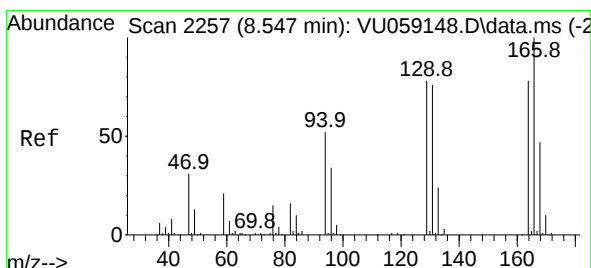
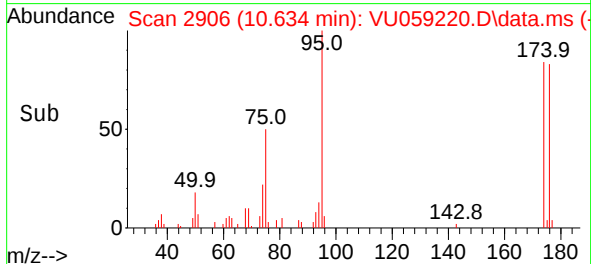
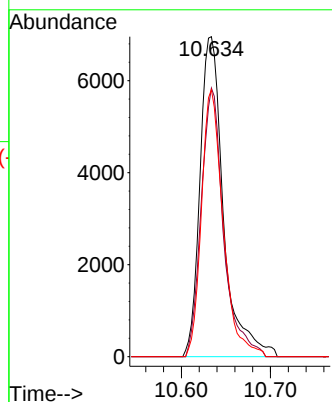
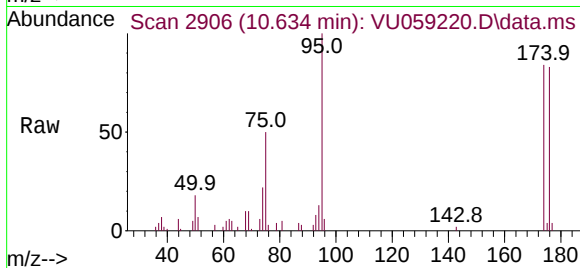
Tgt Ion: 95 Resp: 12767

Ion Ratio Lower Upper

95 100

174 79.7 59.6 89.4

176 76.9 57.3 85.9



#58

Tetrachloroethene

Concen: 0.227 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Tgt Ion: 164 Resp: 2430

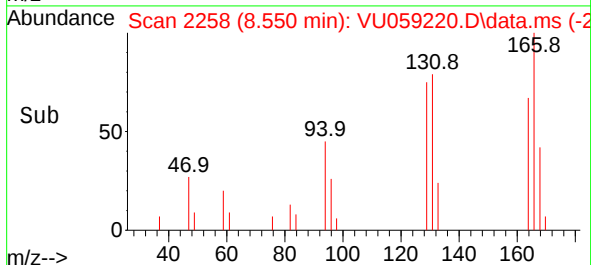
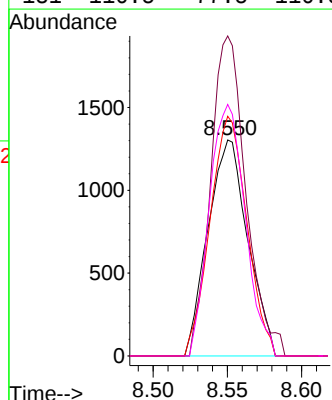
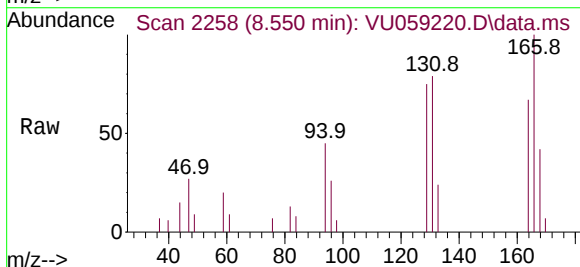
Ion Ratio Lower Upper

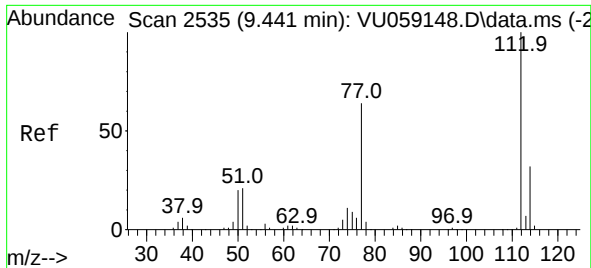
164 100

166 148.2 102.6 153.8

129 111.0 80.3 120.5

131 116.5 77.5 116.3#

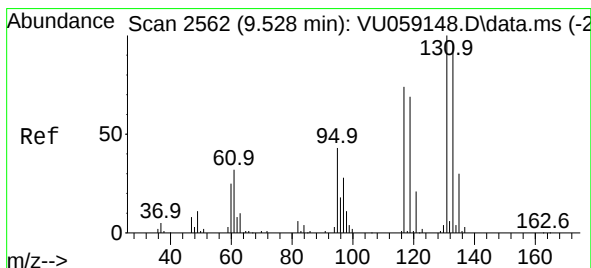
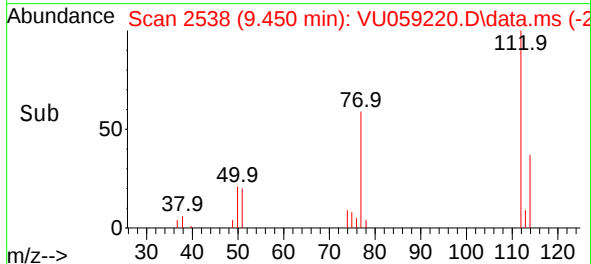
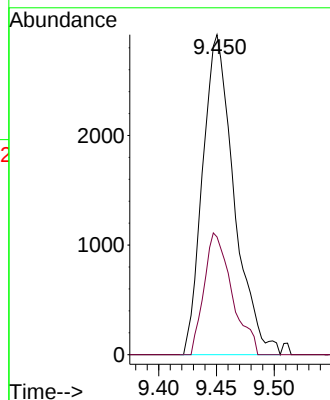
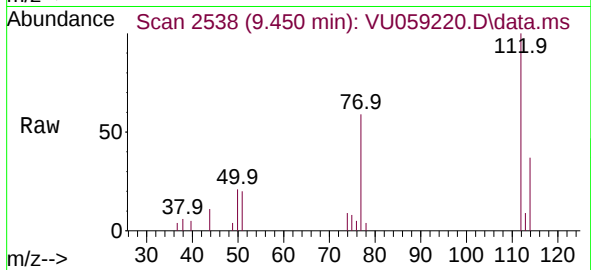




#59
Chlorobenzene
Concen: 0.189 ug/l
RT: 9.450 min Scan# 2538
Delta R.T. 0.010 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

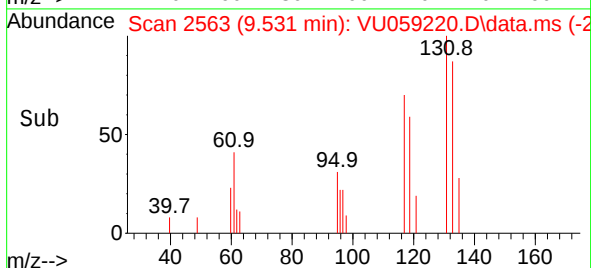
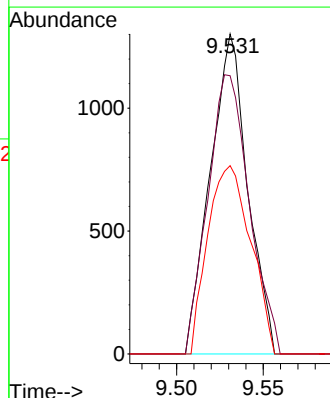
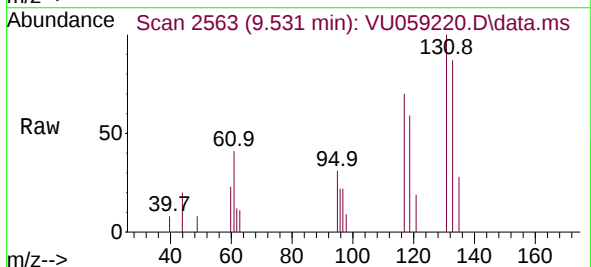
Instrument :
MSVOA_U
ClientSampleId :

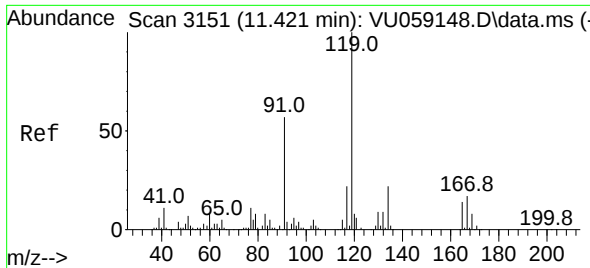
Tgt Ion:112 Resp: 5526
Ion Ratio Lower Upper
112 100
114 36.8 25.6 38.4



#60
1,1,1,2-Tetrachloroethane
Concen: 0.187 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion:131 Resp: 1957
Ion Ratio Lower Upper
131 100
133 96.7 76.7 115.1
119 67.6 55.3 82.9

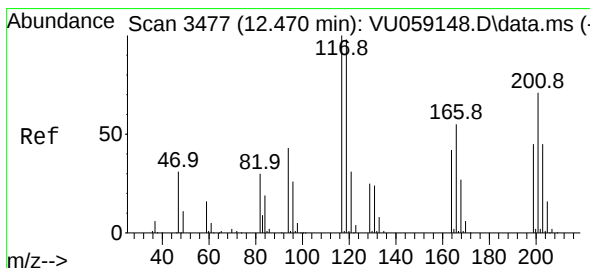
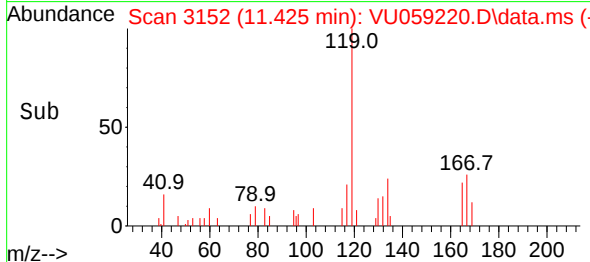
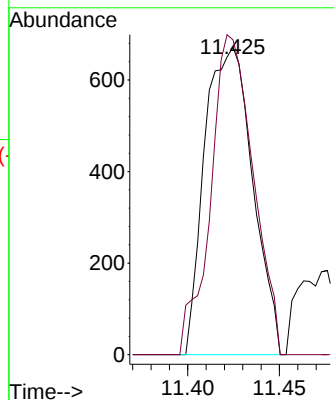
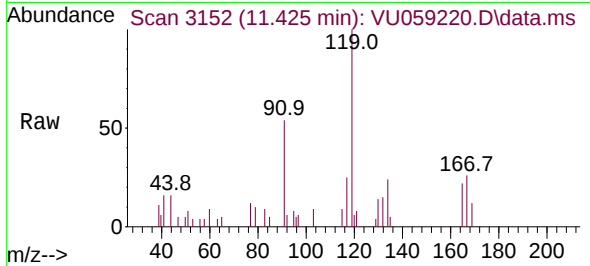




#61
Pentachloroethane
Concen: 0.150 ug/l
RT: 11.425 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

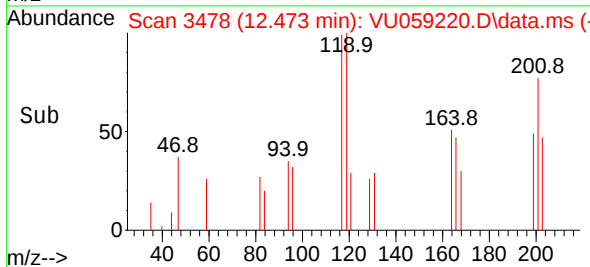
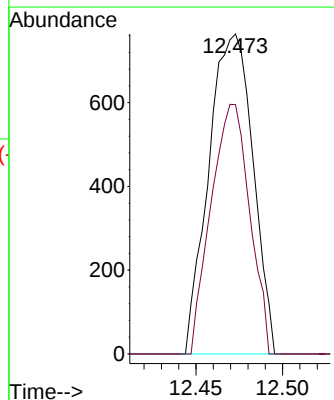
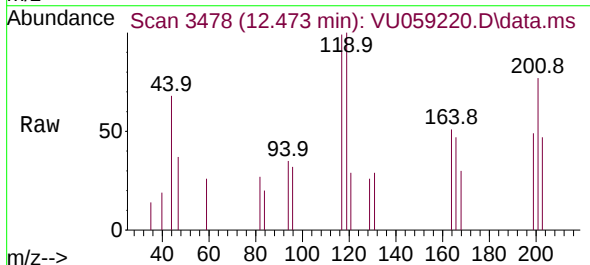
Instrument :
MSVOA_U
ClientSampleId :

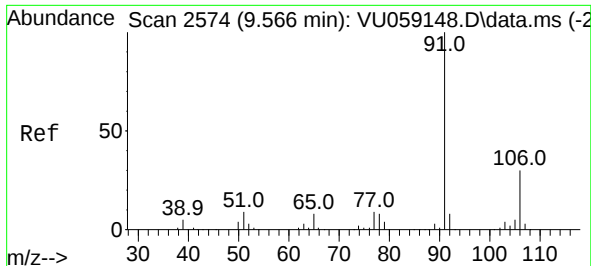
Tgt Ion:117 Resp: 1222
Ion Ratio Lower Upper
117 100
167 92.4 58.1 87.1#



#62
Hexachloroethane
Concen: 0.164 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. 0.003 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion:117 Resp: 1359
Ion Ratio Lower Upper
117 100
201 68.1 55.8 83.8





#63

Ethyl Benzene

Concen: 0.158 ug/l

RT: 9.569 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

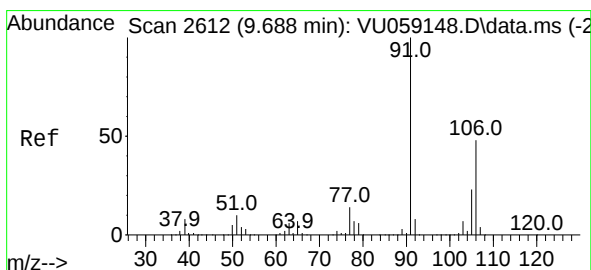
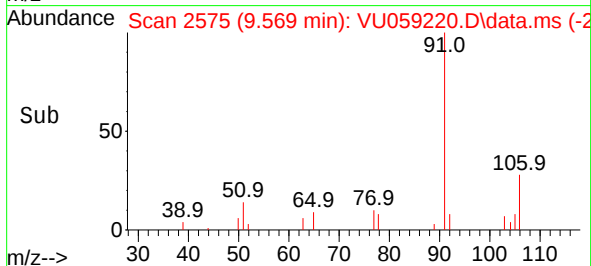
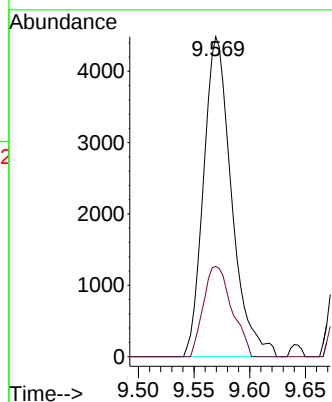
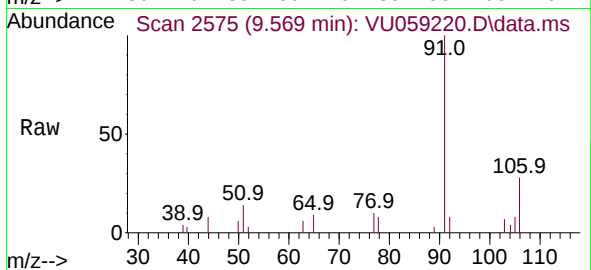
ClientSampleId :

Tgt Ion: 91 Resp: 7827

Ion Ratio Lower Upper

91 100

106 28.2 23.9 35.9



#64

m/p-Xylenes

Concen: 0.297 ug/l

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU059220.D

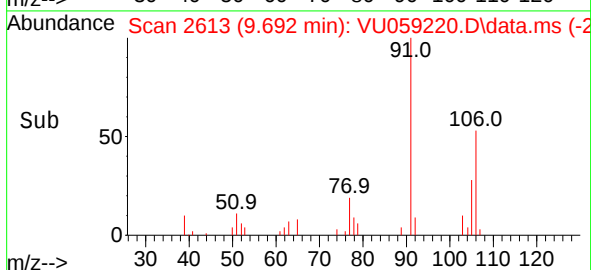
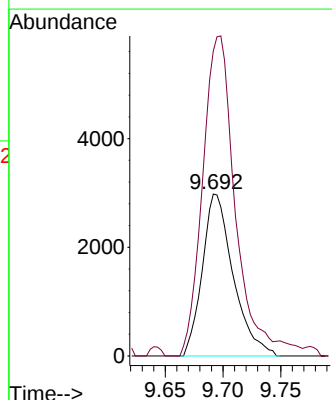
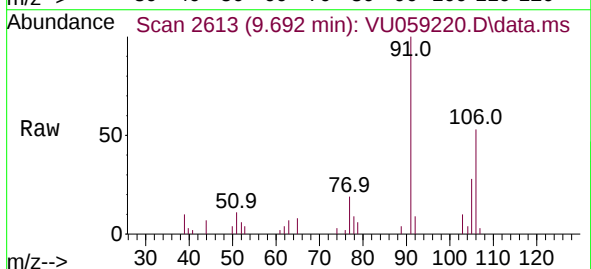
Acq: 12 Jun 2024 13:50

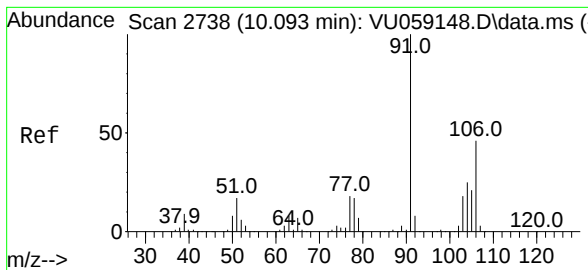
Tgt Ion:106 Resp: 5537

Ion Ratio Lower Upper

106 100

91 210.6 166.4 249.6

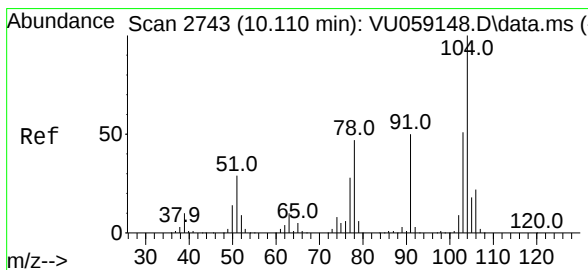
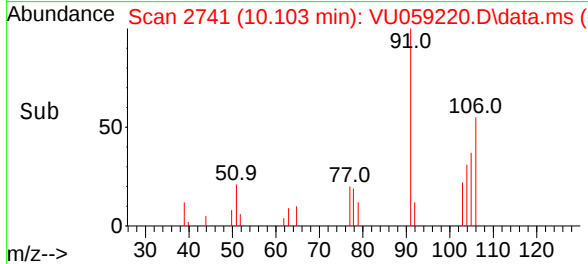
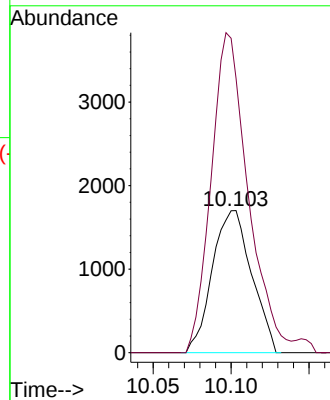
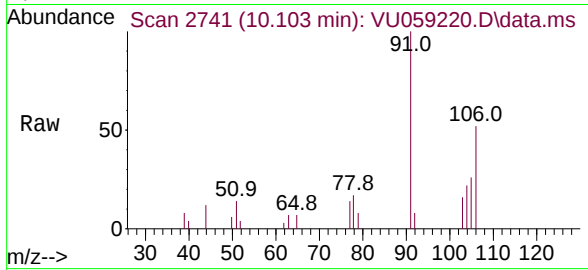




#65
o-Xylene
Concen: 0.162 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. 0.010 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

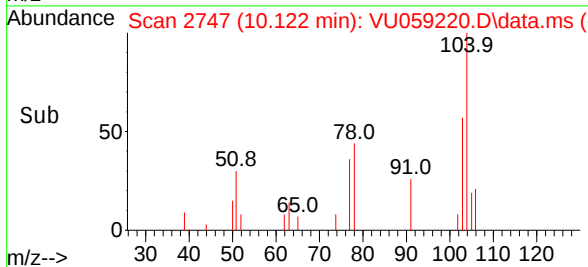
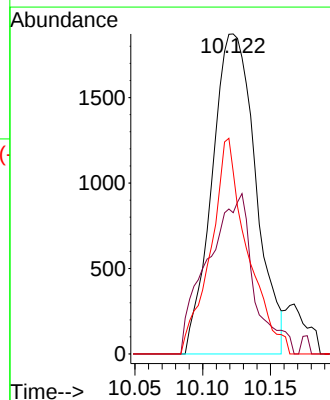
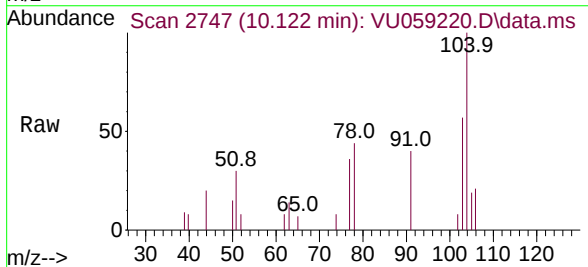
Instrument :
MSVOA_U
ClientSampleId :

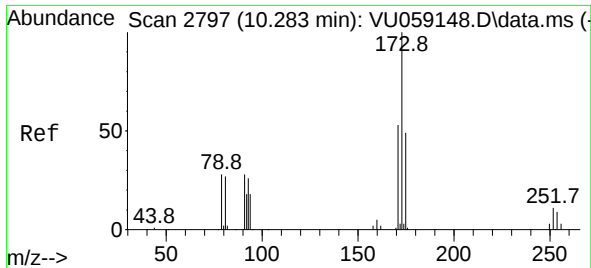
Tgt Ion:106 Resp: 2986
Ion Ratio Lower Upper
106 100
91 211.7 110.7 332.1



#66
Styrene
Concen: 0.143 ug/l
RT: 10.122 min Scan# 2747
Delta R.T. 0.013 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion:104 Resp: 4197
Ion Ratio Lower Upper
104 100
78 52.9 41.6 62.4
103 56.4 44.6 66.8

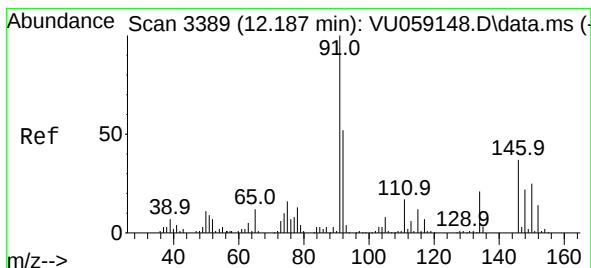
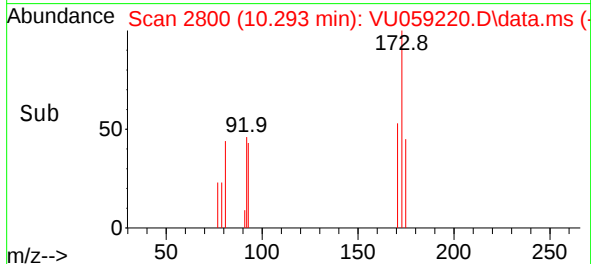
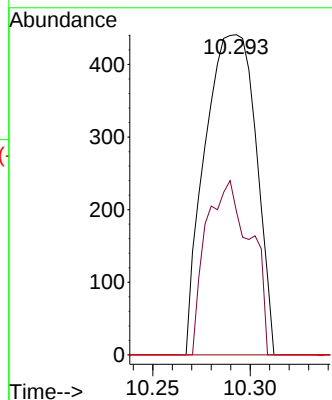
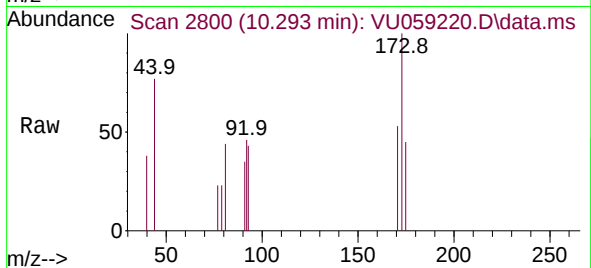




#67
Bromoform
Concen: 0.148 ug/l
RT: 10.293 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

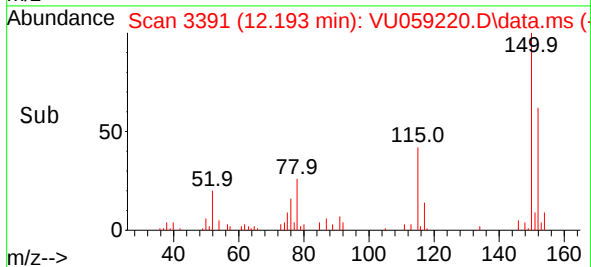
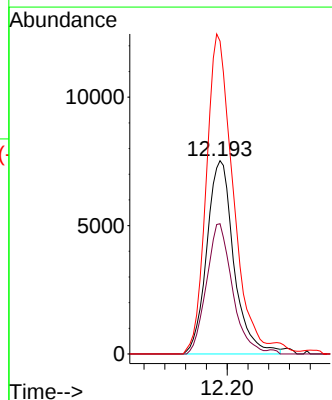
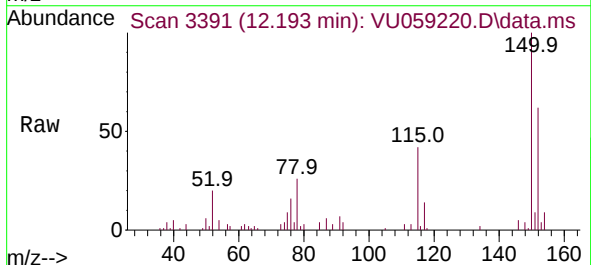
Instrument :
MSVOA_U
ClientSampleId :

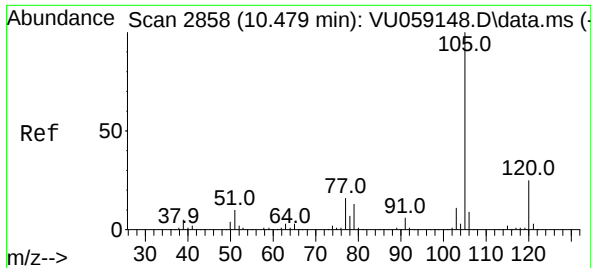
Tgt Ion:173 Resp: 803
Ion Ratio Lower Upper
173 100
175 47.7 40.1 60.1
254 0.0 7.0 10.4#



#68
1,2-Dichlorobenzene-d4
Concen: 0.903 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.006 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion:152 Resp: 13598
Ion Ratio Lower Upper
152 100
115 64.4 0.0 293.2
150 163.5 0.0 636.0





#69

Isopropylbenzene

Concen: 0.167 ug/l

RT: 10.483 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

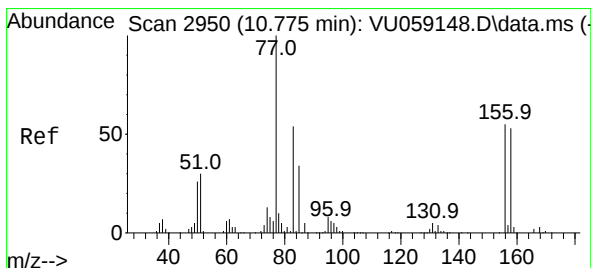
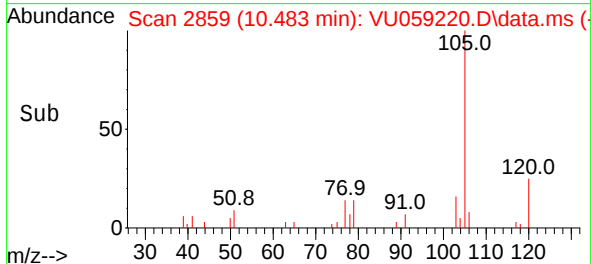
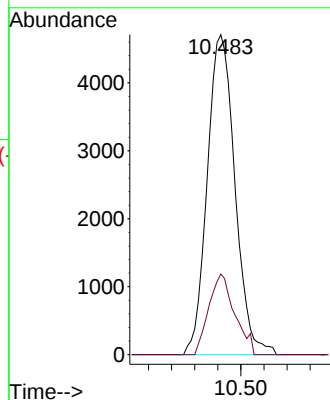
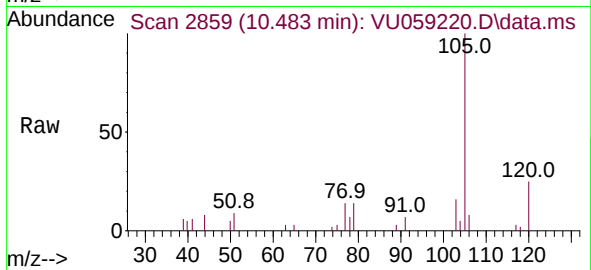
ClientSampleId :

Tgt Ion:105 Resp: 7852

Ion Ratio Lower Upper

105 100

120 23.5 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 0.187 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

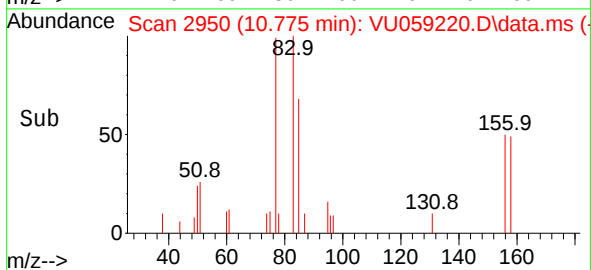
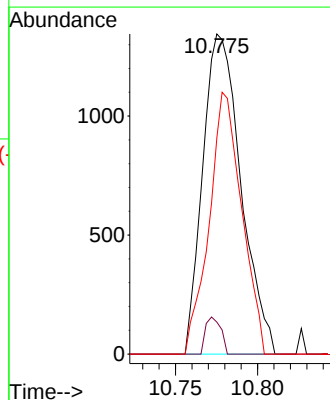
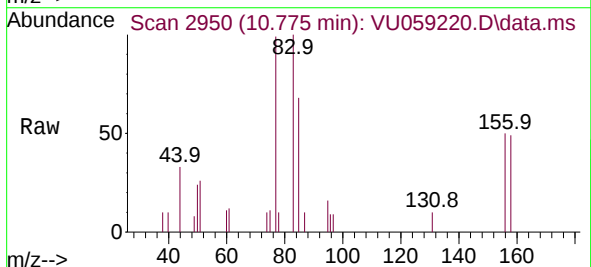
Tgt Ion: 83 Resp: 2174

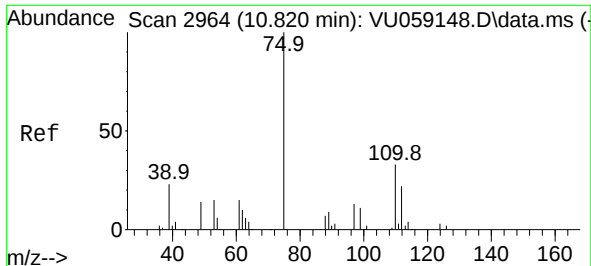
Ion Ratio Lower Upper

83 100

131 4.6 6.6 10.0#

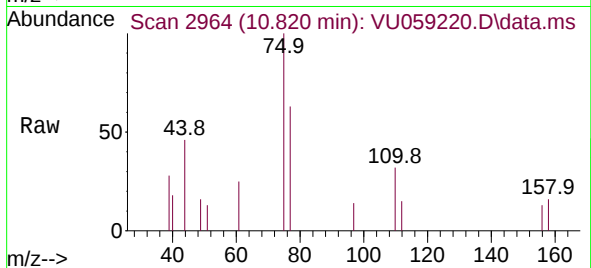
85 69.7 50.1 75.1



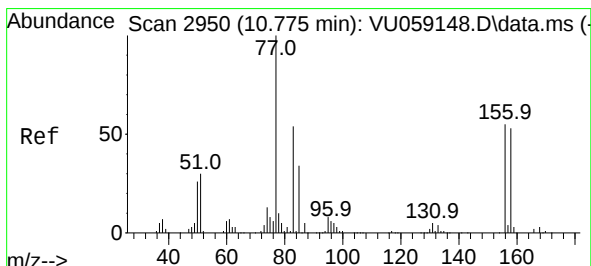
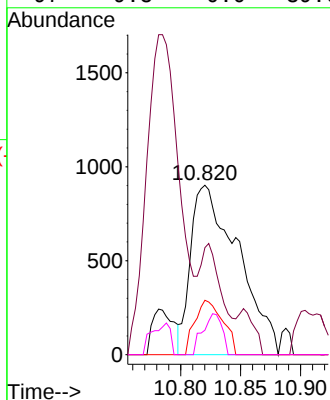
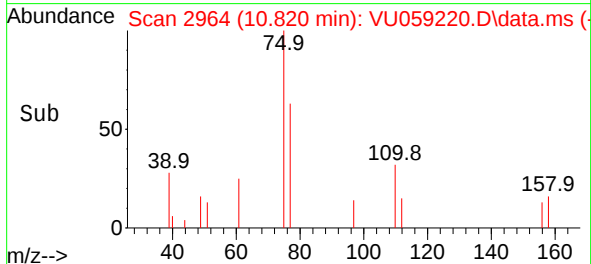


#71
1,2,3-Trichloropropane
Concen: 0.279 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

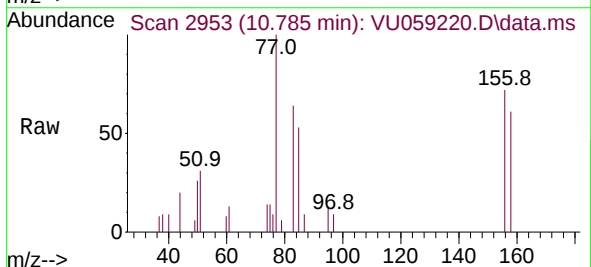
Instrument :
MSVOA_U
ClientSampleId :



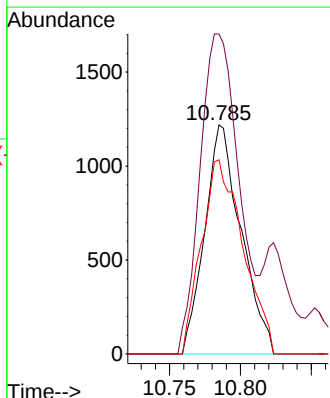
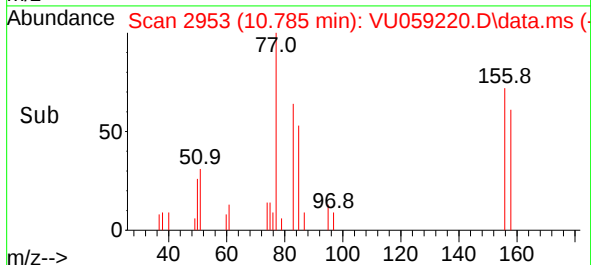
Tgt Ion: 75 Resp: 2476
Ion Ratio Lower Upper
75 100
77 17.5 0.0 0.0#
110 18.9 0.0 68.4
97 9.8 0.0 39.6

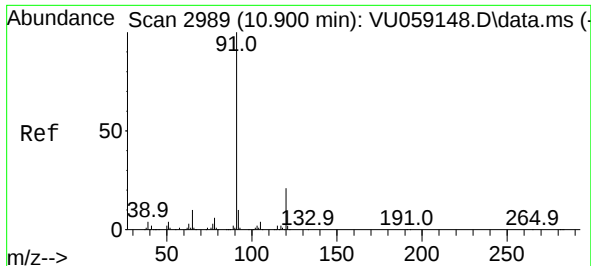


#72
Bromobenzene
Concen: 0.192 ug/l
RT: 10.785 min Scan# 2953
Delta R.T. 0.010 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50



Tgt Ion:156 Resp: 2168
Ion Ratio Lower Upper
156 100
77 148.3 0.0 359.6
158 97.2 0.0 192.2

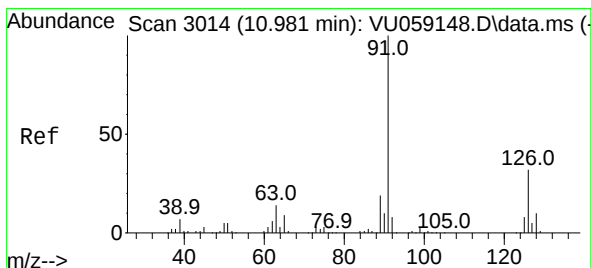
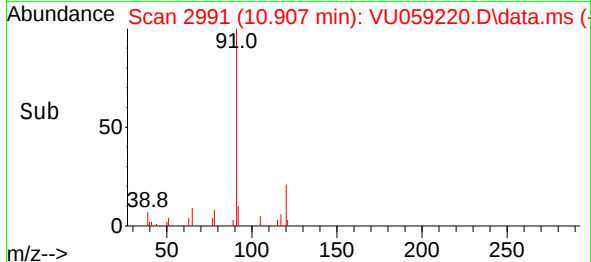
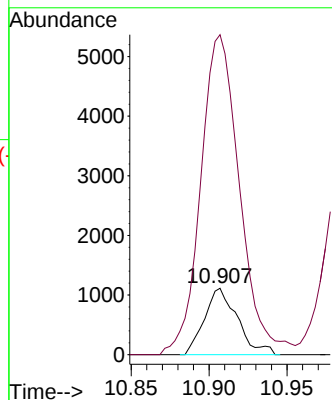
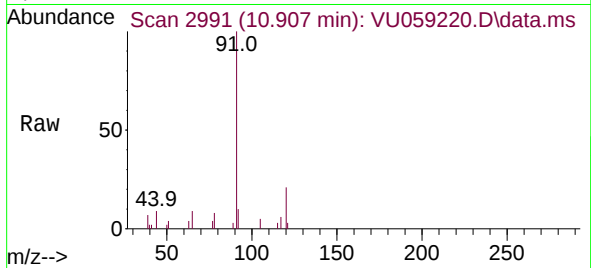




#73
n-propylbenzene
Concen: 0.130 ug/l
RT: 10.907 min Scan# 2989
Delta R.T. 0.006 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

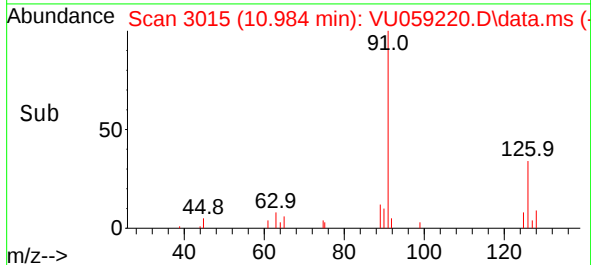
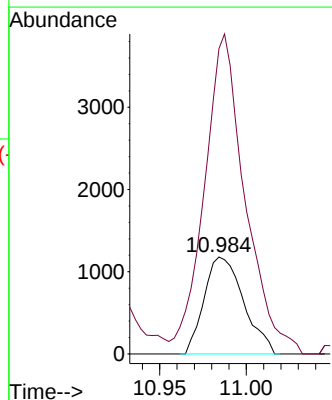
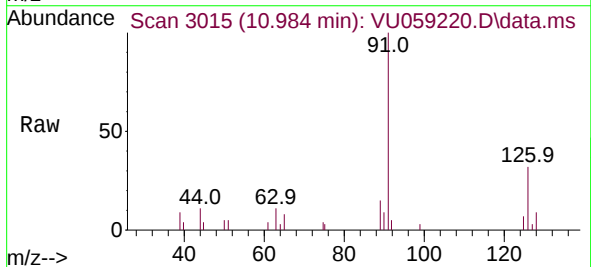
Instrument :
MSVOA_U
ClientSampleId :

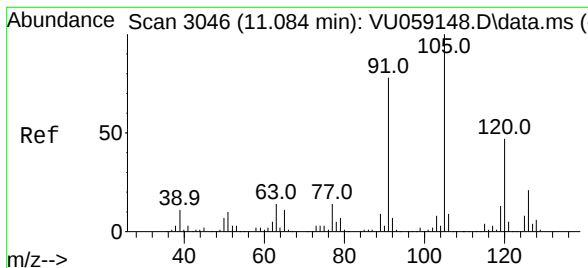
Tgt Ion:120 Resp: 1638
Ion Ratio Lower Upper
120 100
91 569.2 378.6 567.8#



#74
2-Chlorotoluene
Concen: 0.162 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.003 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion:126 Resp: 1866
Ion Ratio Lower Upper
126 100
91 341.5 0.0 627.0





#75

1,3,5-Trimethylbenzene

Concen: 0.140 ug/l

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

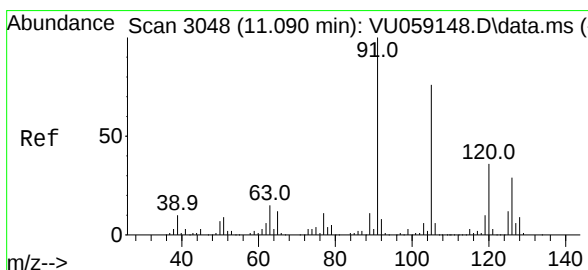
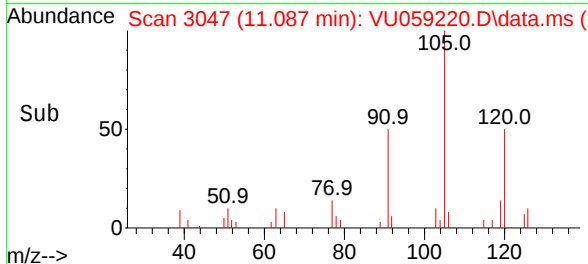
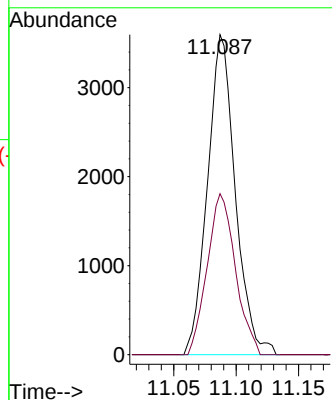
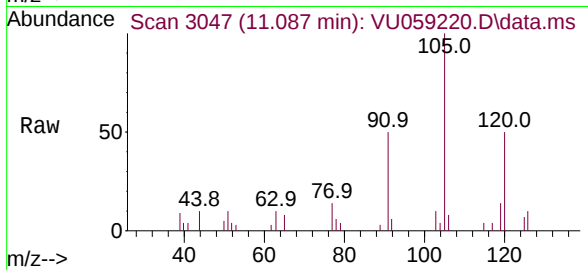
ClientSampleId :

Tgt Ion:105 Resp: 5576

Ion Ratio Lower Upper

105 100

120 51.0 37.5 56.3



#76

4-Chlorotoluene

Concen: 0.155 ug/l

RT: 11.103 min Scan# 3052

Delta R.T. 0.013 min

Lab File: VU059220.D

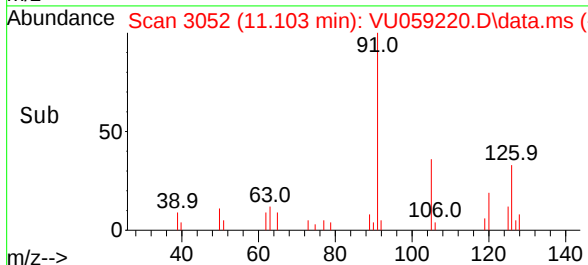
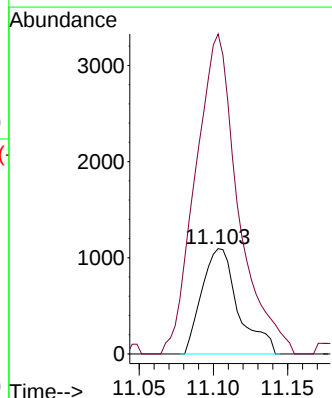
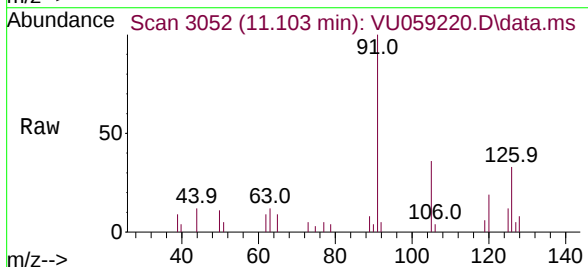
Acq: 12 Jun 2024 13:50

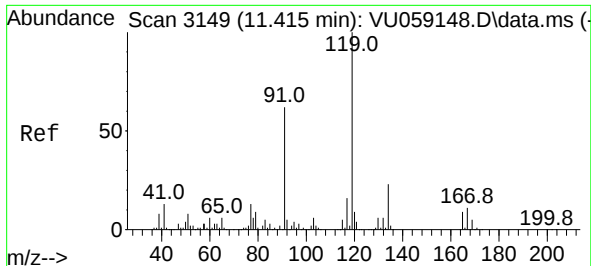
Tgt Ion:126 Resp: 1869

Ion Ratio Lower Upper

126 100

91 356.2 0.0 704.4





#77

tert-Butylbenzene

Concen: 0.156 ug/l

RT: 11.418 min Scan# 3149

Delta R.T. 0.003 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

ClientSampleId :

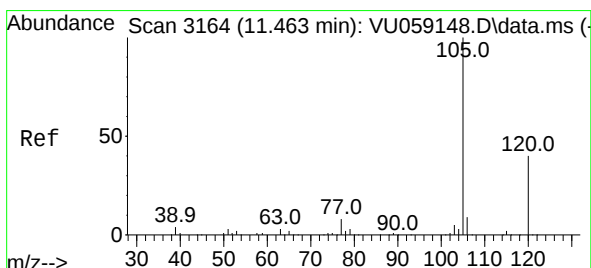
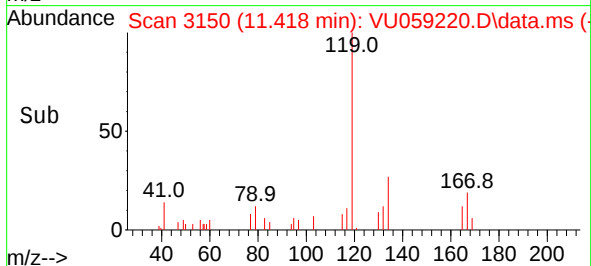
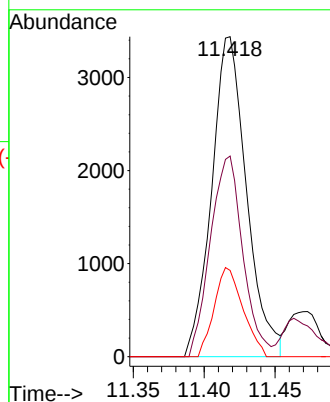
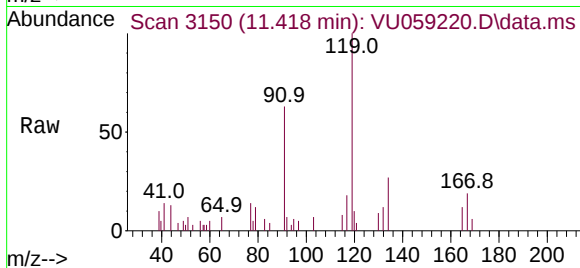
Tgt Ion:119 Resp: 5882

Ion Ratio Lower Upper

119 100

91 58.4 30.7 92.1

134 22.9 17.7 26.5



#78

1,2,4-Trimethylbenzene

Concen: 0.129 ug/l

RT: 11.470 min Scan# 3166

Delta R.T. 0.006 min

Lab File: VU059220.D

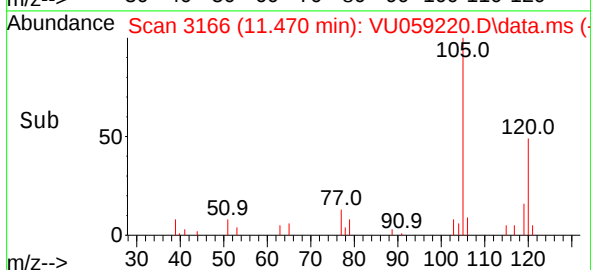
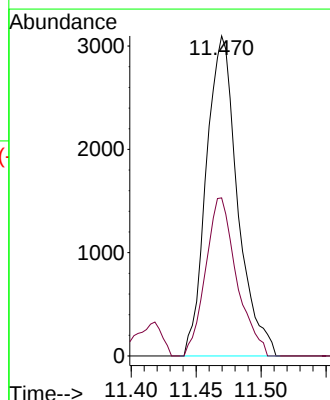
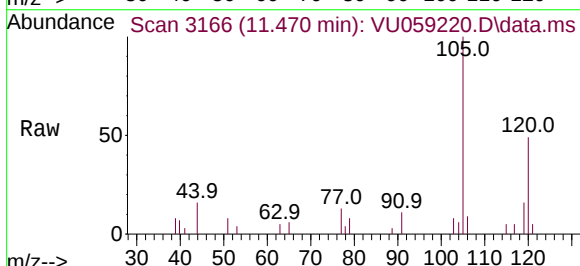
Acq: 12 Jun 2024 13:50

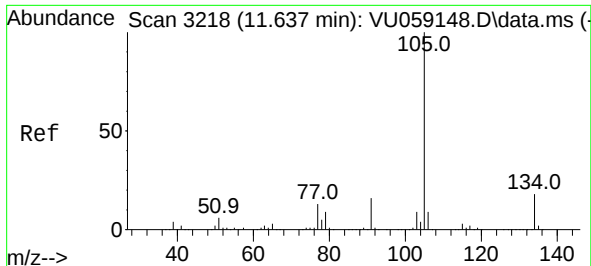
Tgt Ion:105 Resp: 5184

Ion Ratio Lower Upper

105 100

120 49.0 21.7 65.1





#79

sec-Butylbenzene

Concen: 0.149 ug/l

RT: 11.643 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

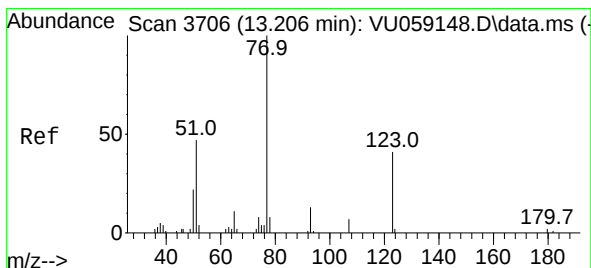
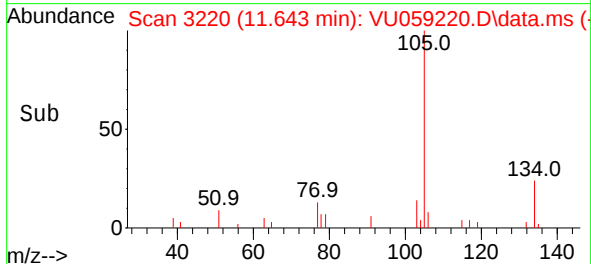
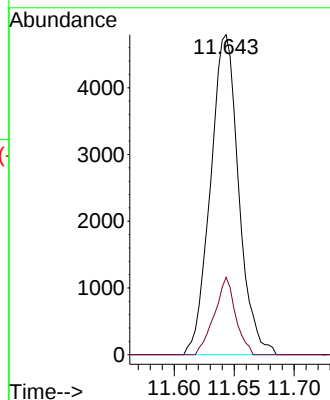
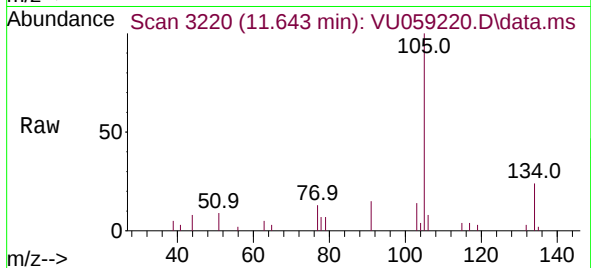
ClientSampleId :

Tgt Ion:105 Resp: 7844

Ion Ratio Lower Upper

105 100

134 18.1 14.5 21.7



#80

Nitrobenzene

Concen: 0.503 ug/l

RT: 13.251 min Scan# 3720

Delta R.T. 0.045 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

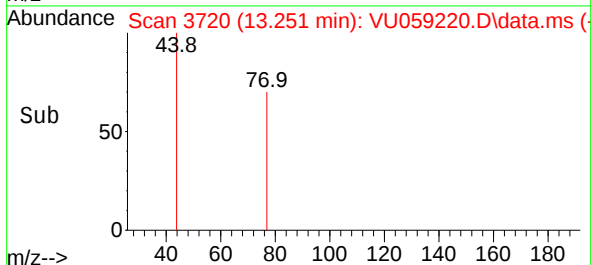
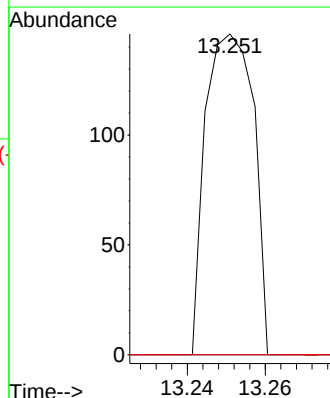
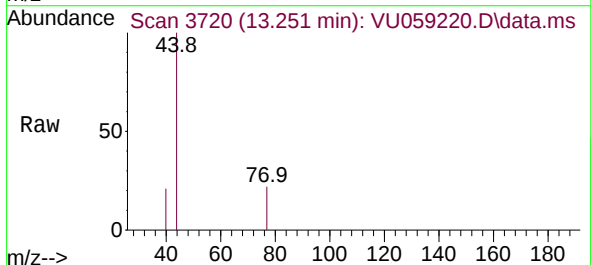
Tgt Ion: 77 Resp: 125

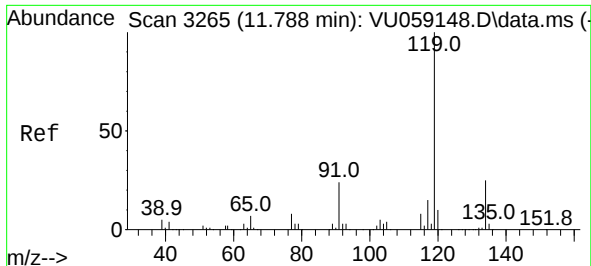
Ion Ratio Lower Upper

77 100

123 0.0 18.3 64.7#

65 0.0 10.6 13.4#

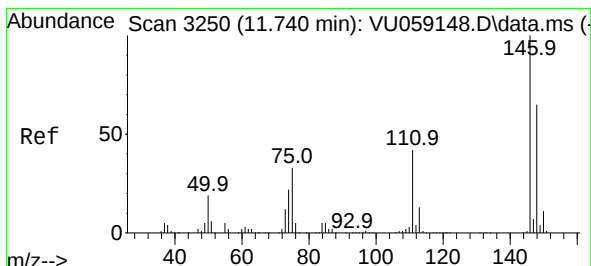
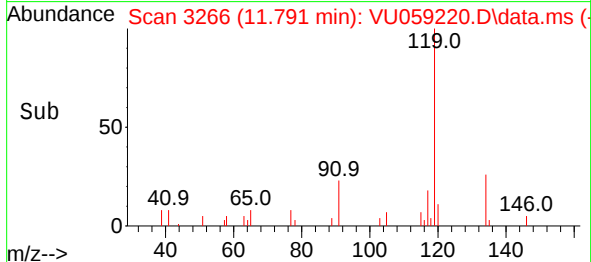
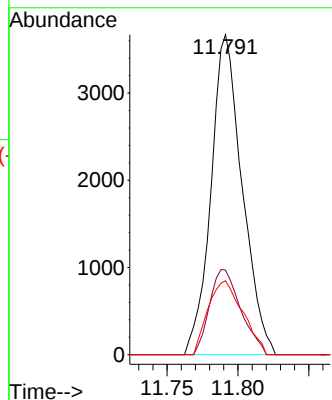
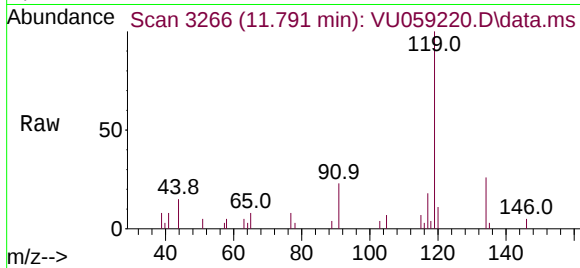




#81
p-Isopropyltoluene
Concen: 0.140 ug/l
RT: 11.791 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

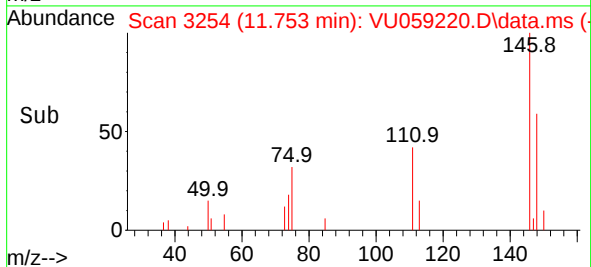
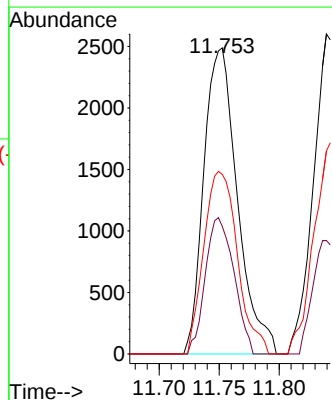
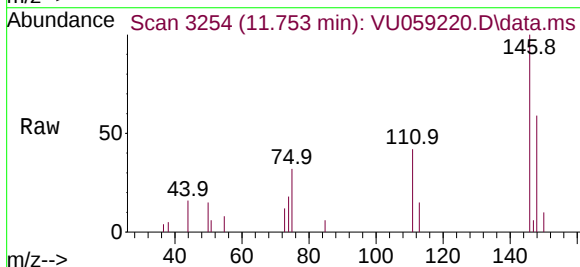
Instrument :
MSVOA_U
ClientSampleId :

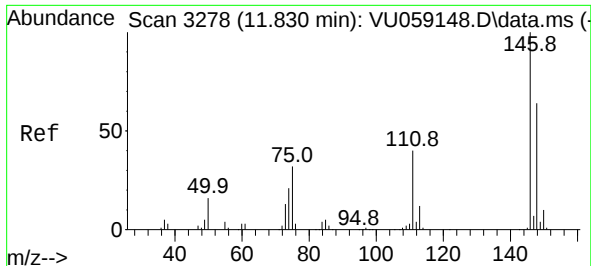
Tgt Ion:119 Resp: 5628
Ion Ratio Lower Upper
119 100
134 26.6 20.2 30.4
91 25.7 19.3 28.9



#82
1,3-Dichlorobenzene
Concen: 0.202 ug/l
RT: 11.753 min Scan# 3254
Delta R.T. 0.013 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

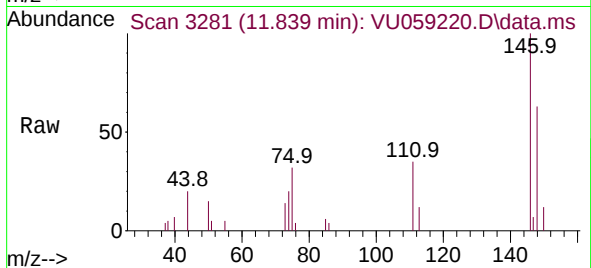
Tgt Ion:146 Resp: 4842
Ion Ratio Lower Upper
146 100
111 38.0 33.4 50.0
148 59.8 51.2 76.8



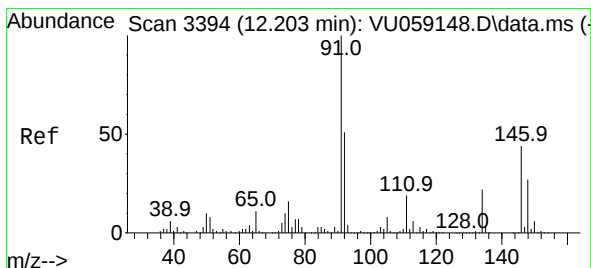
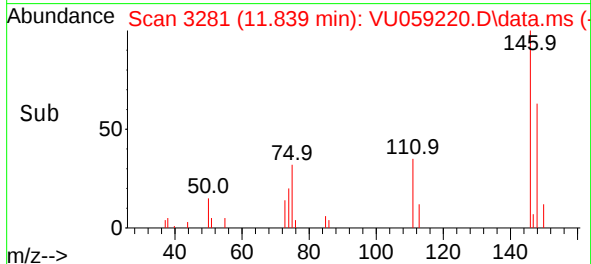
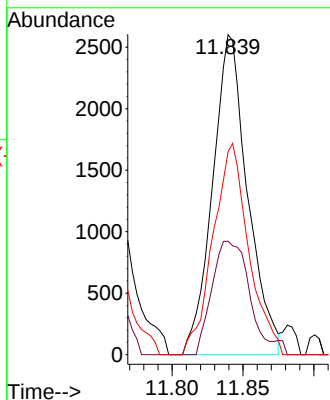


#83
1,4-Dichlorobenzene
Concen: 0.187 ug/l
RT: 11.839 min Scan# 3278
Delta R.T. 0.010 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Instrument :
MSVOA_U
ClientSampleId :

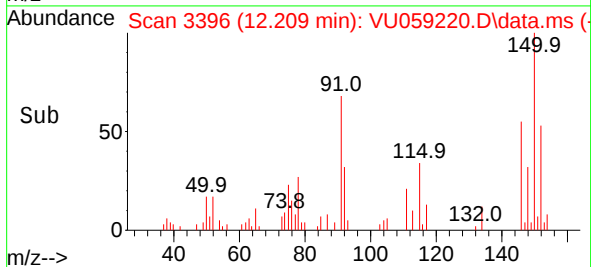
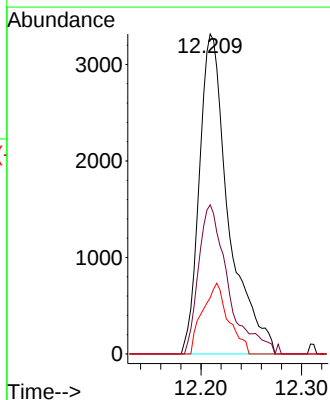
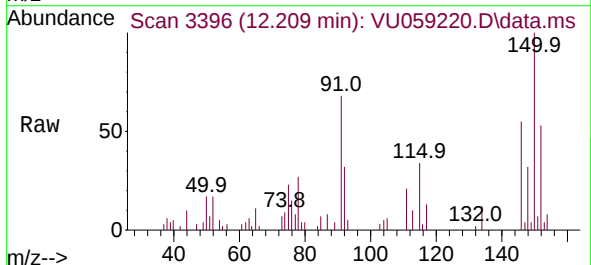


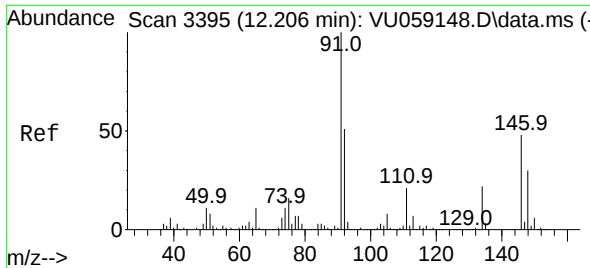
Tgt Ion:146 Resp: 4480
Ion Ratio Lower Upper
146 100
111 38.6 32.1 48.1
148 66.9 51.2 76.8



#84
n-Butylbenzene
Concen: 0.176 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.006 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

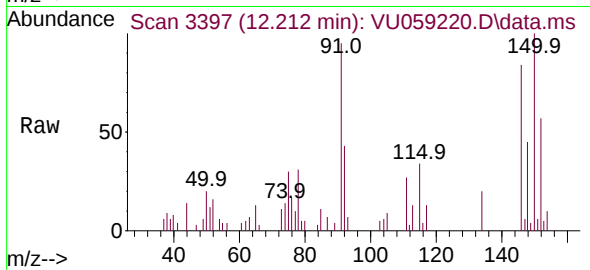
Tgt Ion: 91 Resp: 6677
Ion Ratio Lower Upper
91 100
92 47.6 40.7 61.1
134 19.6 17.6 26.4



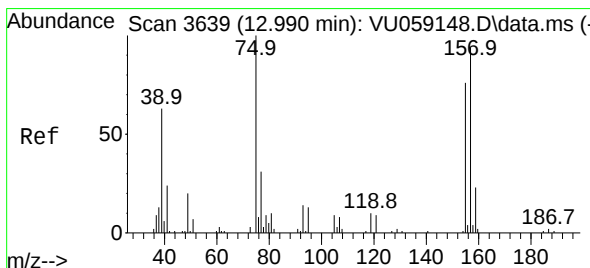
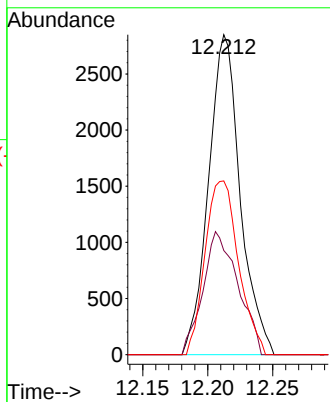
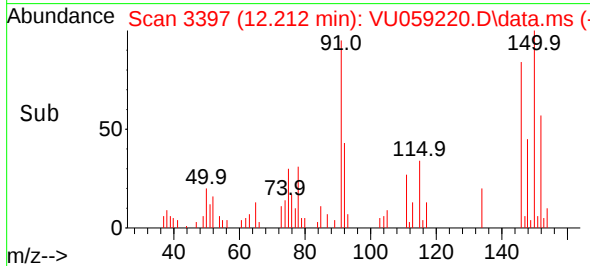


#85
1,2-Dichlorobenzene
Concen: 0.214 ug/l
RT: 12.212 min Scan# 3145
Delta R.T. 0.006 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

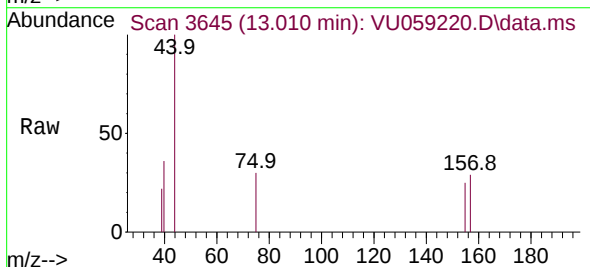
Instrument :
MSVOA_U
ClientSampleId :



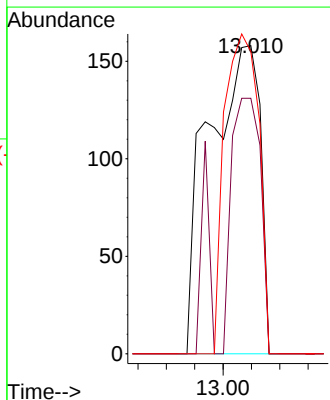
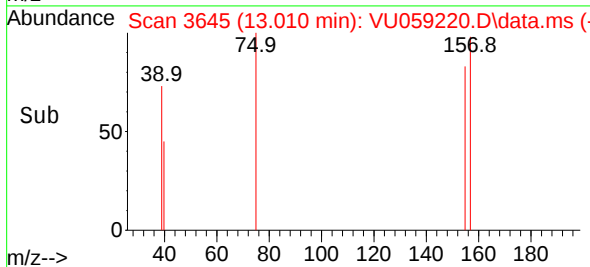
Tgt Ion:146 Resp: 4826
Ion Ratio Lower Upper
146 100
111 42.6 21.8 65.3
148 57.4 31.3 93.9

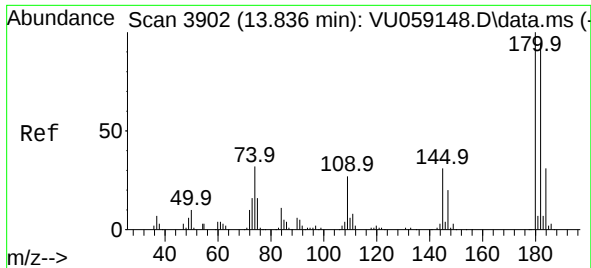


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.126 ug/l
RT: 13.010 min Scan# 3645
Delta R.T. 0.019 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50



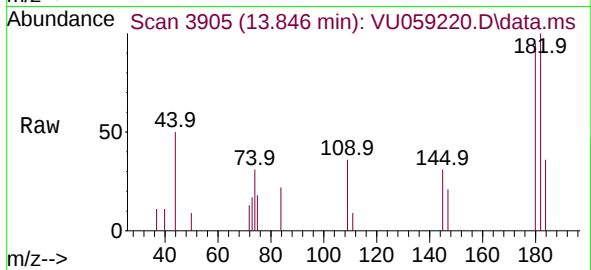
Tgt Ion: 75 Resp: 199
Ion Ratio Lower Upper
75 100
155 46.7 61.2 91.8#
157 68.8 75.8 113.6#



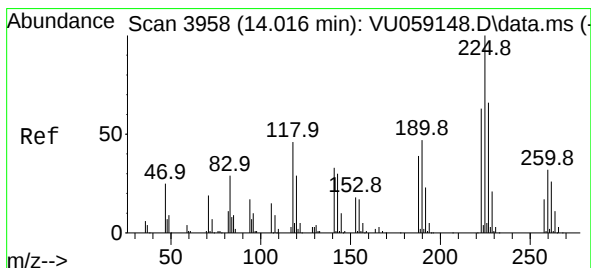
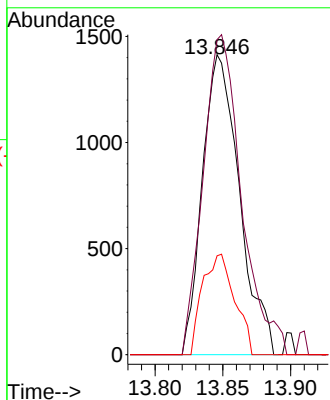
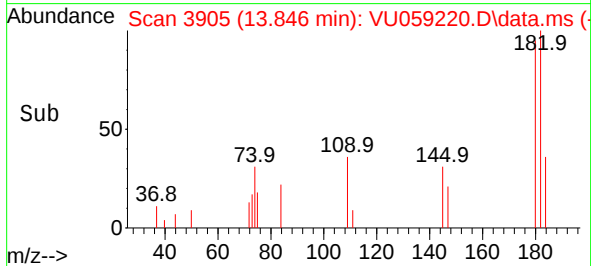


#87
1,2,4-Trichlorobenzene
Concen: 0.222 ug/l
RT: 13.846 min Scan# 3905
Delta R.T. 0.010 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Instrument :
MSVOA_U
ClientSampleId :

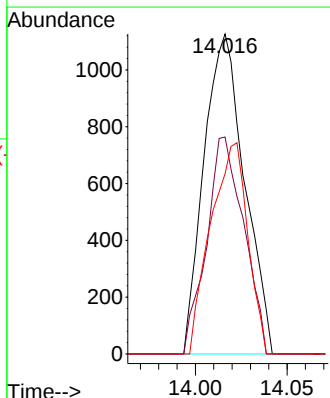
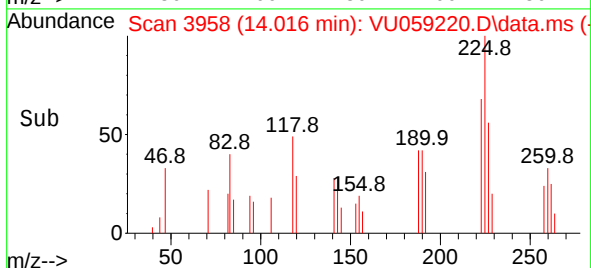
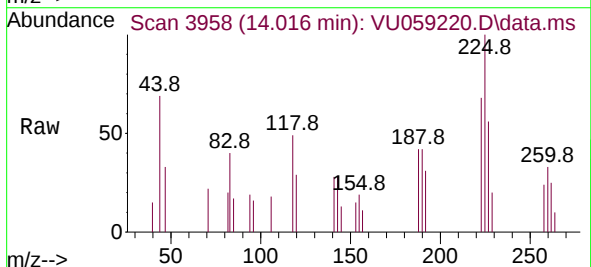


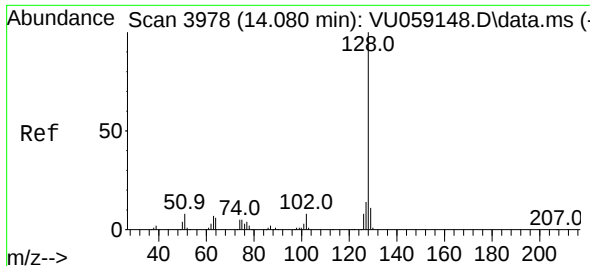
Tgt Ion:180 Resp: 2687
Ion Ratio Lower Upper
180 100
182 110.5 75.7 113.5
145 29.0 24.6 36.8



#88
Hexachlorobutadiene
Concen: 0.229 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU059220.D
Acq: 12 Jun 2024 13:50

Tgt Ion:225 Resp: 1731
Ion Ratio Lower Upper
225 100
223 62.0 50.0 75.0
227 60.1 51.8 77.8





#89

Naphthalene

Concen: 0.251 ug/l

RT: 14.097 min Scan# 3983

Delta R.T. 0.017 min

Lab File: VU059220.D

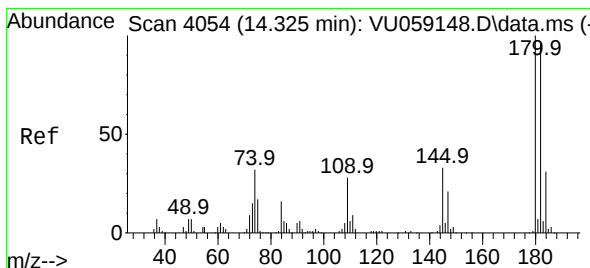
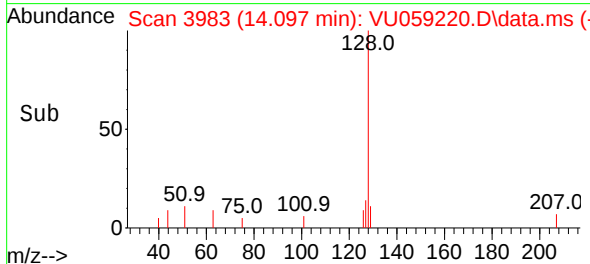
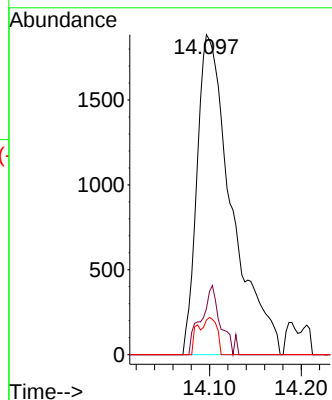
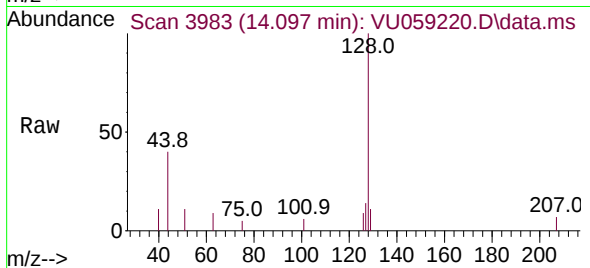
Acq: 12 Jun 2024 13:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	4938
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.7 16.1
129	4.4	8.4 12.6#



#90

1,2,3-Trichlorobenzene

Concen: 0.247 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU059220.D

Acq: 12 Jun 2024 13:50

Tgt Ion:180	Resp:	2717
Ion Ratio	Lower	Upper
180	100	
182	106.5	76.3 114.5
145	31.2	26.5 39.7

