

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060524\
 Data File : VU059157.D
 Acq On : 05 Jun 2024 18:50
 Operator : MD/SY
 Sample : P2403-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 06 04:02:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 04:01:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	39302	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	12050	0.901	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	12232	0.874	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	3890	0.316	ug/l	96
3) Chloromethane	1.515	50	5349	0.361	ug/l	95
4) Vinyl Chloride	1.599	62	5283	0.353	ug/l	90
5) Bromomethane	1.853	94	3586	0.394	ug/l	88
6) Chloroethane	1.930	64	3159	0.328	ug/l	97
7) Trichlorofluoromethane	2.136	101	5501	0.296	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.579	101	3320	0.347	ug/l	96
9) 1,1-Dichloroethene	2.576	96	3276	0.346	ug/l	83
10) Iodomethane	2.714	142	3353	0.282	ug/l	96
11) Allyl Chloride	2.917	41	4501	0.352	ug/l	88
12) Acrylonitrile	3.348	53	1085	0.507	ug/l #	79
13) Acetone	2.640	43	1416	0.435	ug/l	96
14) Carbon Disulfide	2.788	76	10671	0.354	ug/l #	93
15) Methylene Chloride	3.039	84	13170	1.015	ug/l	98
16) trans-1,2-Dichloroethene	3.351	96	3589	0.347	ug/l	93
17) 1,1-Dichloroethane	3.862	63	7004	0.324	ug/l	95
18) 2-Butanone	4.753	43	1408	0.390	ug/l	76
19) Cyclohexane	5.383	56	4693	0.300	ug/l	97
20) Methylcyclohexane	6.753	83	4314	0.274	ug/l	98
21) 2,2-Dichloropropane	4.653	77	5177	0.324	ug/l #	73
22) cis-1,2-Dichloroethene	4.666	96	3542	0.316	ug/l	96
23) Diethyl Ether	2.370	59	2887	0.325	ug/l	92
24) tert-Butyl Alcohol	3.184	59	442	0.728	ug/l #	89
25) Methyl tert-Butyl Ether	3.364	73	7209	0.318	ug/l	96
26) Bromochloromethane	4.968	128	1518	0.320	ug/l	93
27) Chloroform	5.084	83	7085	0.326	ug/l	98
28) 1,1,1-Trichloroethane	5.309	97	5836	0.340	ug/l	96
29) 1,1-Dichloropropene	5.524	75	4247	0.296	ug/l #	57
30) Carbon Tetrachloride	5.518	117	4486	0.319	ug/l	95
31) Isopropyl Ether	3.991	45	8455	0.298	ug/l	89
32) Ethyl-t-butyl ether	4.502	59	8441	0.320	ug/l	99
33) Tert-Amyl methyl ether	5.936	73	7046	0.302	ug/l	93
34) Propionitrile	4.817	54	159	0.192	ug/l #	56
35) Benzene	5.772	78	14051	0.311	ug/l	98
36) 1,2-Dichloroethane	5.795	62	4309	0.322	ug/l #	87
37) Trichloroethene	6.541	130	3925	0.364	ug/l	82
38) 1,2-Dichloropropane	6.788	63	4364	0.340	ug/l #	82
39) Methacrylonitrile	5.000	41	447	0.145	ug/l #	54
40) Methyl acrylate	4.901	55	1270	0.235	ug/l #	72
41) Tetrahydrofuran	5.074	42	588	0.356	ug/l #	82
42) 1-Chlorobutane	5.454	56	6262	0.315	ug/l	95
43) Dibromomethane	6.920	93	2008	0.346	ug/l	96
44) Bromodichloromethane	7.103	83	4937	0.328	ug/l	90

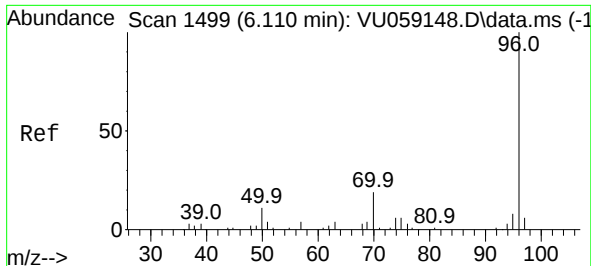
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 04:01:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	9988	1.604	ug/l	96
46) t-1,4-Dichloro-2-butene	10.823	75	3838	1.452	ug/l #	34
47) Methyl methacrylate	6.975	69	2777	0.557	ug/l #	85
48) Ethyl methacrylate	8.338	69	2525	0.287	ug/l	99
49) Toluene	7.968	92	7410	0.298	ug/l	99
50) t-1,3-Dichloropropene	8.213	75	4031	0.313	ug/l	92
51) cis-1,3-Dichloropropene	7.608	75	5036	0.319	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	2972	0.346	ug/l	92
53) 1,3-Dichloropropane	8.576	76	4740	0.320	ug/l	98
54) 2-Hexanone	8.695	43	6354	1.316	ug/l	92
55) Dibromochloromethane	8.807	129	2952	0.318	ug/l	98
56) 1,2-Dibromoethane	8.926	107	2653	0.352	ug/l	86
58) Tetrachloroethene	8.553	164	3281	0.330	ug/l	96
59) Chlorobenzene	9.447	112	8735	0.321	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.528	131	3204	0.329	ug/l	93
61) Pentachloroethane	11.415	117	2070	0.274	ug/l	99
62) Hexachloroethane	12.470	117	2411	0.314	ug/l	98
63) Ethyl Benzene	9.569	91	12688	0.276	ug/l	92
64) m/p-Xylenes	9.692	106	8817	0.509	ug/l	99
65) o-Xylene	10.097	106	4308	0.252	ug/l	92
66) Styrene	10.116	104	6577	0.241	ug/l	96
67) Bromoform	10.290	173	1695	0.337	ug/l #	80
69) Isopropylbenzene	10.483	105	11634	0.266	ug/l	93
70) 1,1,2,2-Tetrachloroethane	10.775	83	3710	0.344	ug/l	98
71) 1,2,3-Trichloropropane	10.823	75	3838	0.466	ug/l #	82
72) Bromobenzene	10.785	156	3169	0.302	ug/l	73
73) n-propylbenzene	10.907	120	2935	0.251	ug/l	99
74) 2-Chlorotoluene	10.984	126	2888	0.270	ug/l	97
75) 1,3,5-Trimethylbenzene	11.087	105	9200	0.248	ug/l	96
76) 4-Chlorotoluene	11.097	126	3068	0.274	ug/l	95
77) tert-Butylbenzene	11.415	119	9228	0.262	ug/l	98
78) 1,2,4-Trimethylbenzene	11.470	105	8603	0.230	ug/l	98
79) sec-Butylbenzene	11.643	105	11667	0.239	ug/l	96
80) Nitrobenzene	13.244	77	192	0.831	ug/l #	42
81) p-Isopropyltoluene	11.791	119	8538	0.228	ug/l	97
82) 1,3-Dichlorobenzene	11.746	146	6504	0.292	ug/l	97
83) 1,4-Dichlorobenzene	11.746	146	6504	0.292	ug/l	98
84) n-Butylbenzene	12.212	91	8830	0.251	ug/l	92
85) 1,2-Dichlorobenzene	12.212	146	6380	0.304	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.000	75	365	0.249	ug/l #	77
87) 1,2,4-Trichlorobenzene	13.842	180	3685	0.328	ug/l	92
88) Hexachlorobutadiene	14.013	225	2145	0.306	ug/l	96
89) Naphthalene	14.097	128	7108	0.398	ug/l #	93
90) 1,2,3-Trichlorobenzene	14.331	180	3765	0.368	ug/l	95

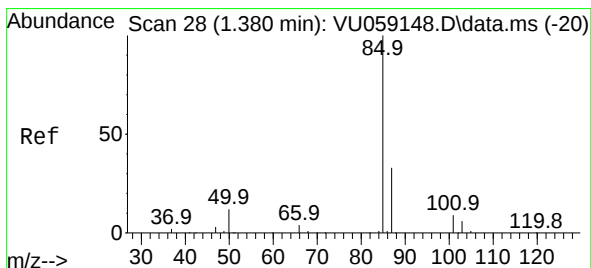
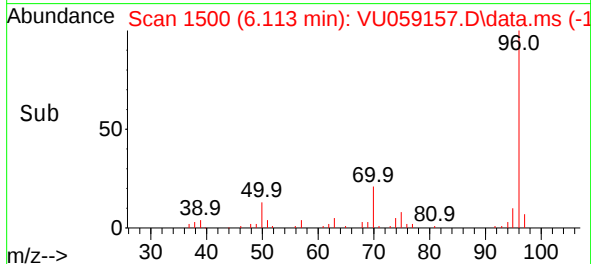
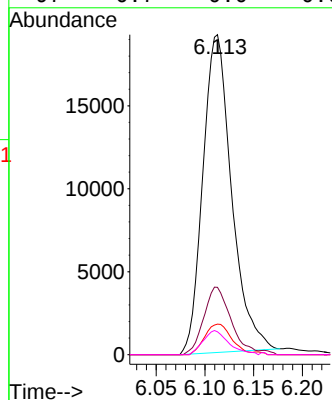
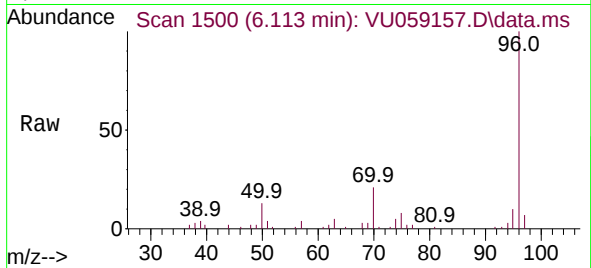
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

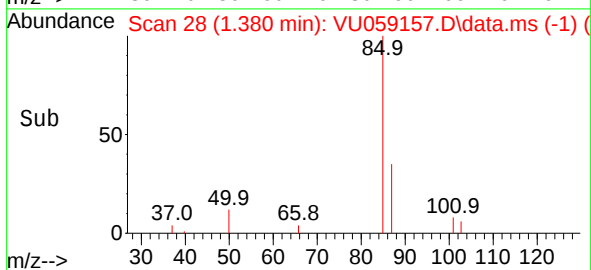
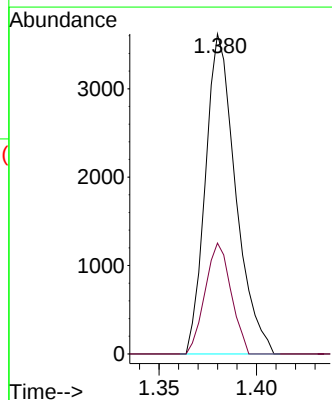
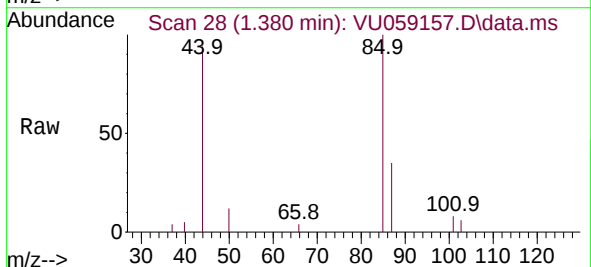
Instrument :
MSVOA_U
ClientSampleId :

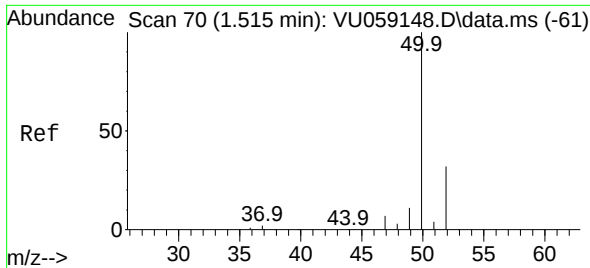
Tgt Ion: 96	Resp: 39302
Ion Ratio	Lower Upper
96 100	
70 18.7	16.6 24.8
95 8.3	7.1 10.7
97 6.7	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.316 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion: 85	Resp: 3890
Ion Ratio	Lower Upper
85 100	
87 34.6	16.3 48.9

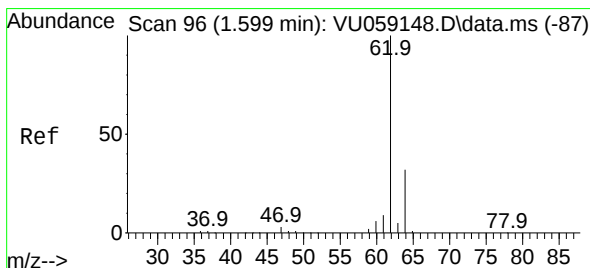
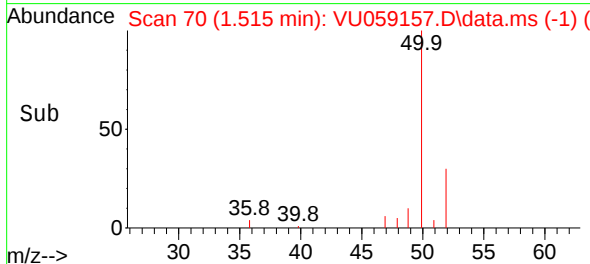
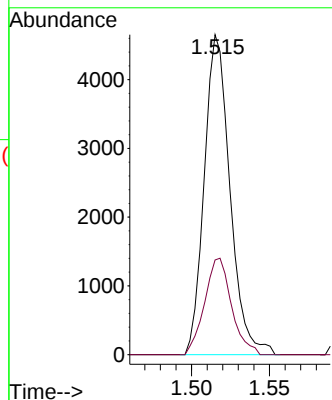
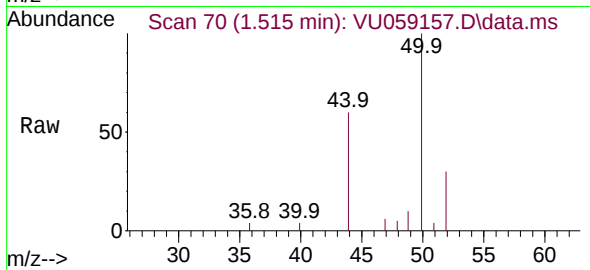




#3
Chloromethane
Concen: 0.361 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

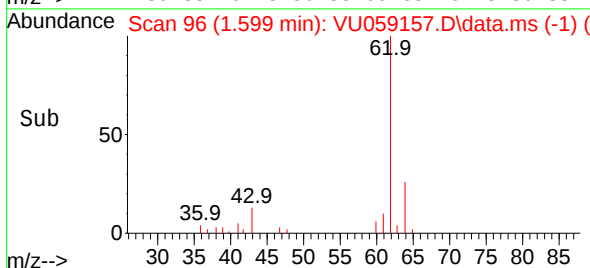
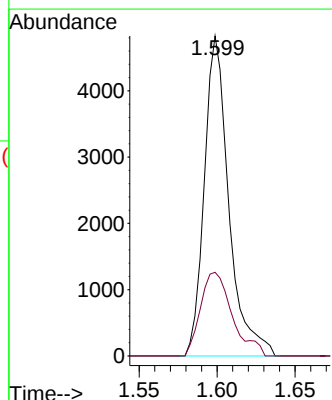
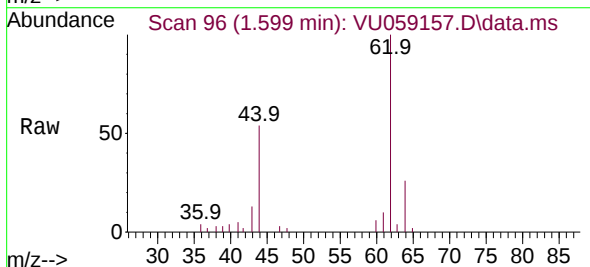
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ClientSampleId :

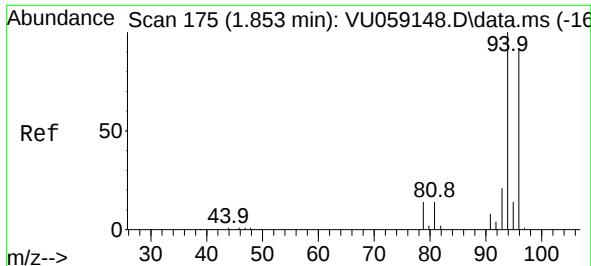
Tgt Ion: 50 Resp: 5349
Ion Ratio Lower Upper
50 100
52 29.6 26.0 39.0



#4
Vinyl Chloride
Concen: 0.353 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

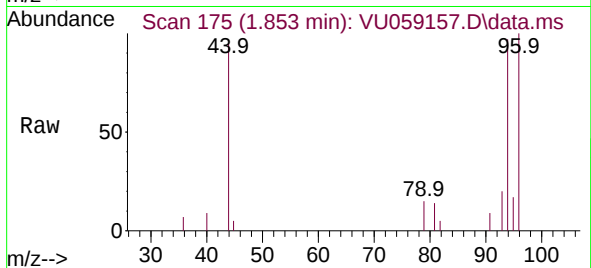
Tgt Ion: 62 Resp: 5283
Ion Ratio Lower Upper
62 100
64 26.1 25.2 37.8



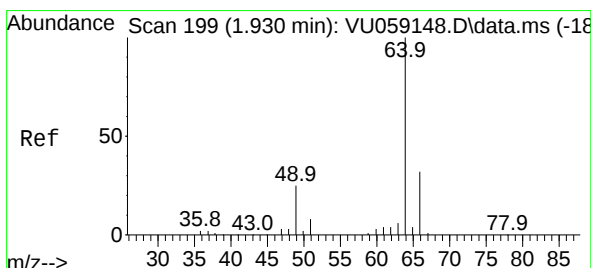
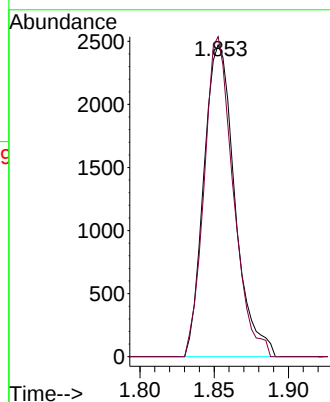
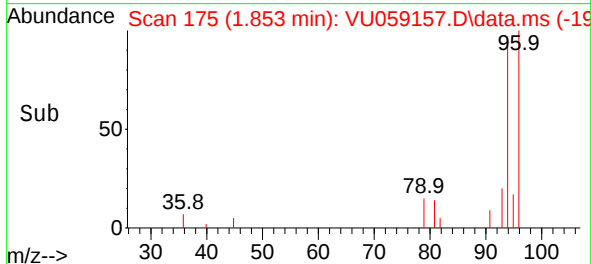


#5
Bromomethane
Concen: 0.394 ug/l
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Instrument :
MSVOA_U
ClientSampleId :

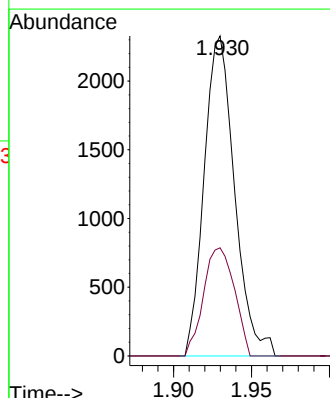
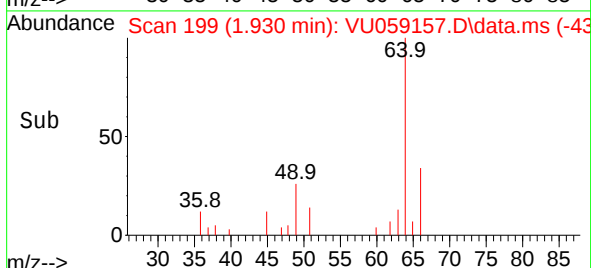
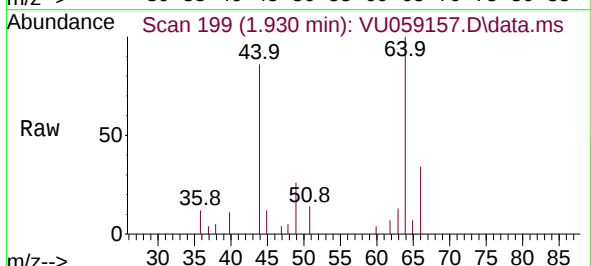


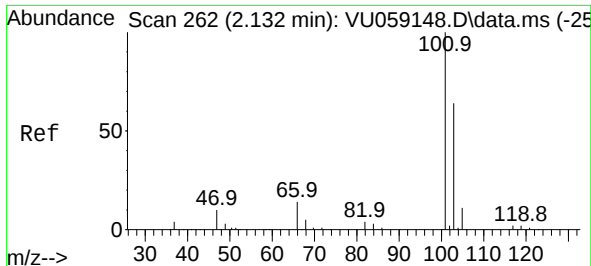
Tgt Ion: 94 Resp: 3586
Ion Ratio Lower Upper
94 100
96 102.6 72.7 109.1



#6
Chloroethane
Concen: 0.328 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion: 64 Resp: 3159
Ion Ratio Lower Upper
64 100
66 33.8 25.5 38.3

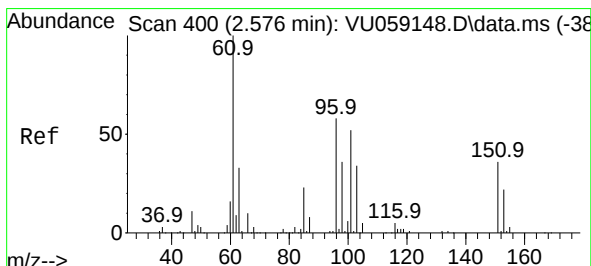
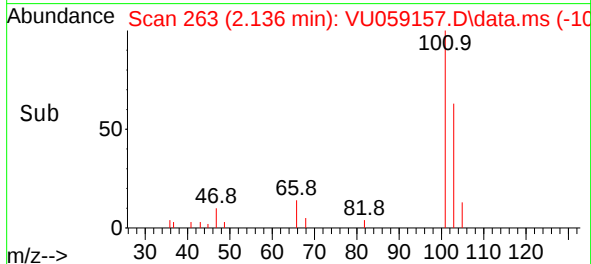
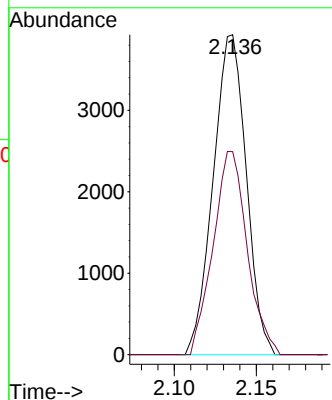
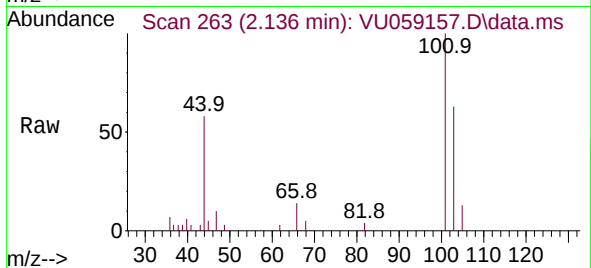




#7
 Trichlorofluoromethane
 Concen: 0.296 ug/l
 RT: 2.136 min Scan# 201
 Delta R.T. 0.003 min
 Lab File: VU059157.D
 Acq: 05 Jun 2024 18:50

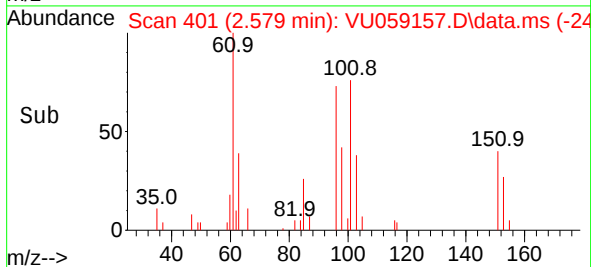
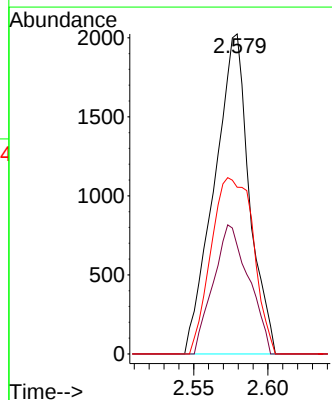
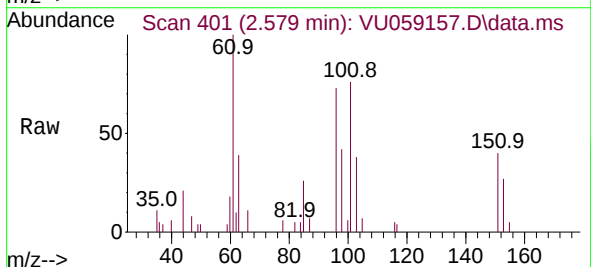
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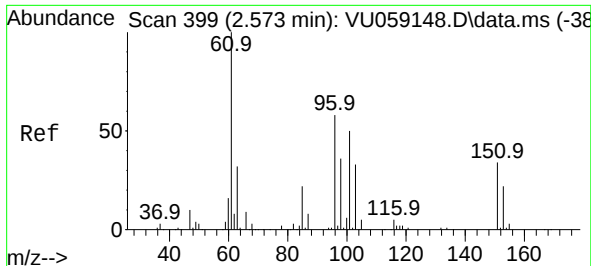
Tgt Ion:101 Resp: 5501
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.1 76.7



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.347 ug/l
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU059157.D
 Acq: 05 Jun 2024 18:50

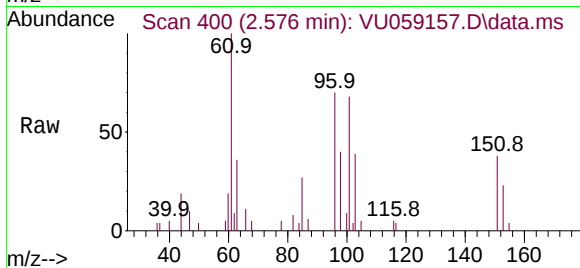
Tgt Ion:101 Resp: 3320
 Ion Ratio Lower Upper
 101 100
 85 40.8 36.1 54.1
 151 66.4 55.0 82.6



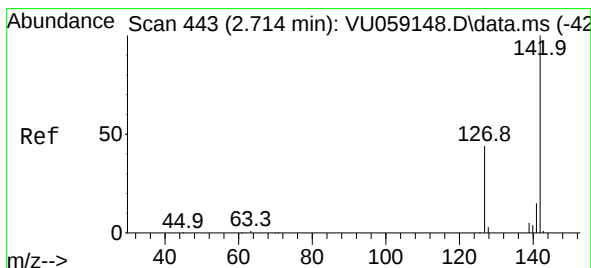
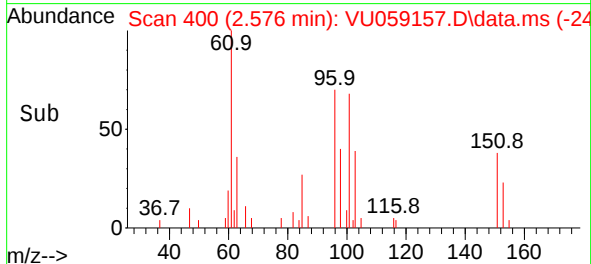
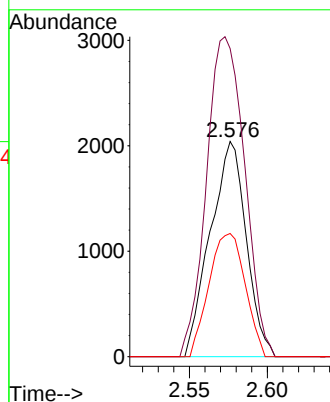


#9
1,1-Dichloroethene
Concen: 0.346 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Instrument :
MSVOA_U
ClientSampleId :

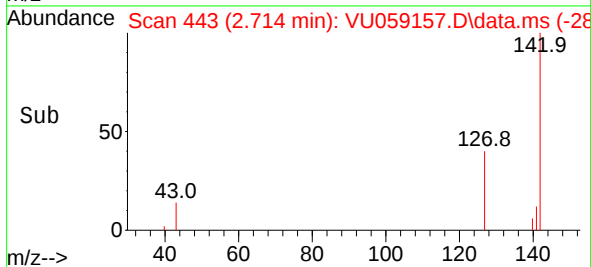
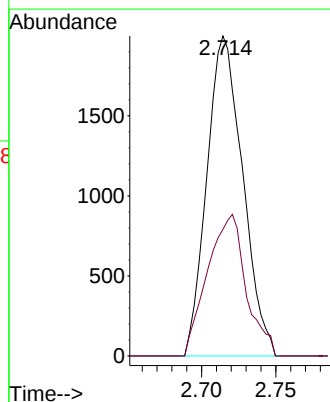
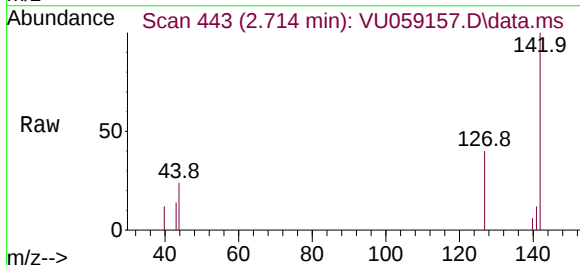


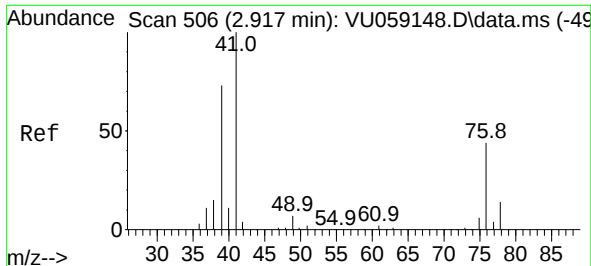
Tgt Ion: 96 Resp: 3276
Ion Ratio Lower Upper
96 100
61 143.2 0.0 515.4
98 57.3 0.0 124.4



#10
Iodomethane
Concen: 0.282 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion: 142 Resp: 3353
Ion Ratio Lower Upper
142 100
127 47.6 36.2 54.4





#11

Allyl Chloride

Concen: 0.352 ug/l

RT: 2.917 min Scan# 506

Delta R.T. -0.000 min

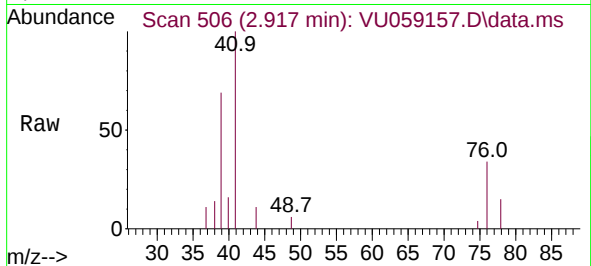
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Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

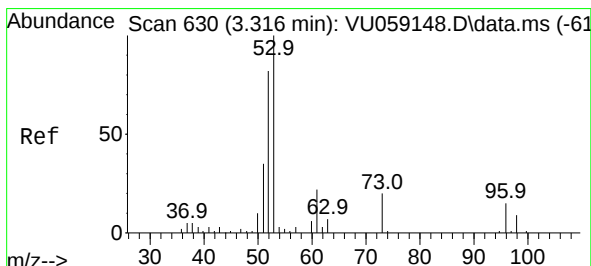
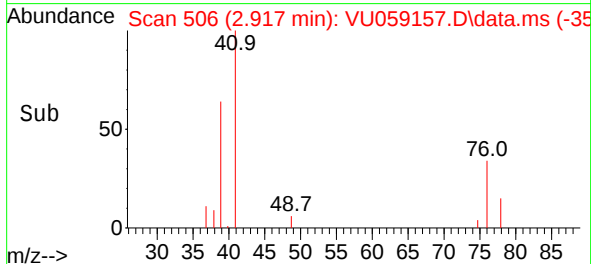
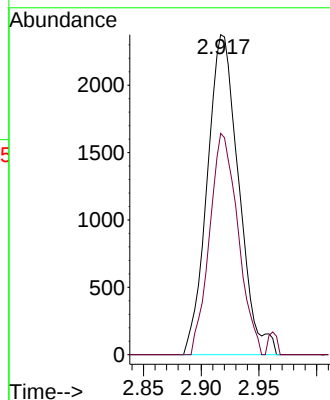


Tgt Ion: 41 Resp: 4501

Ion Ratio Lower Upper

41 100

39 62.3 58.1 87.1



#12

Acrylonitrile

Concen: 0.507 ug/l

RT: 3.348 min Scan# 640

Delta R.T. 0.032 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

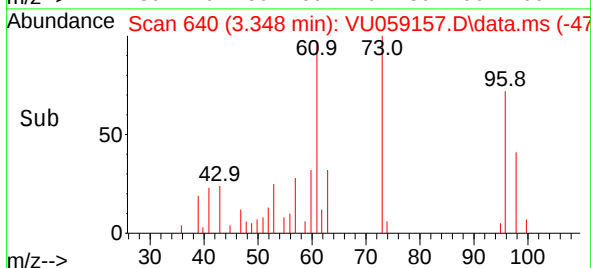
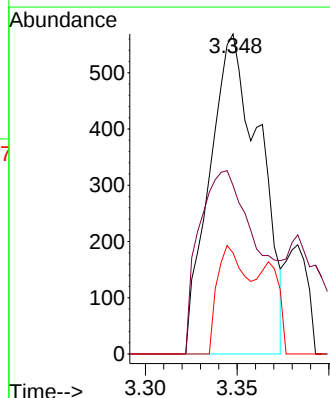
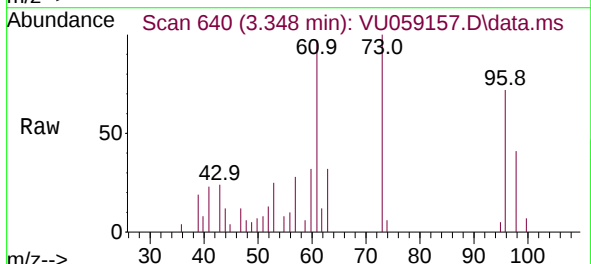
Tgt Ion: 53 Resp: 1085

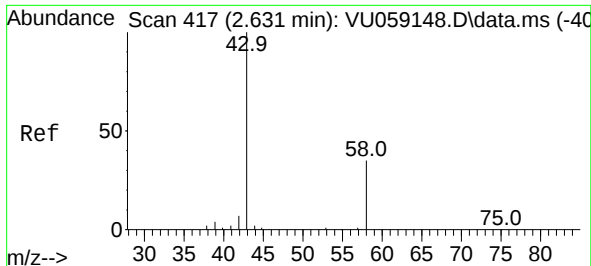
Ion Ratio Lower Upper

53 100

52 67.6 64.2 96.4

51 19.1 33.0 49.4#





#13

Acetone

Concen: 0.435 ug/l

RT: 2.640 min Scan# 417

Delta R.T. 0.010 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

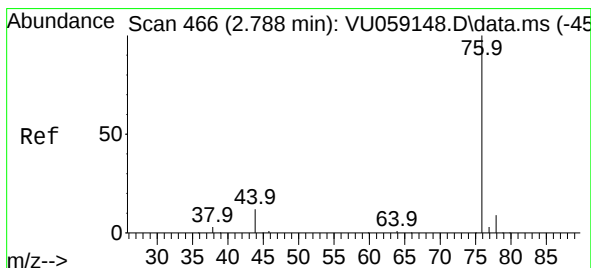
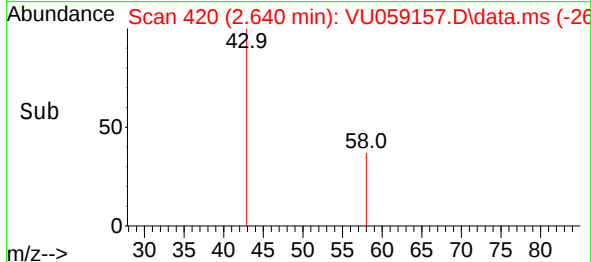
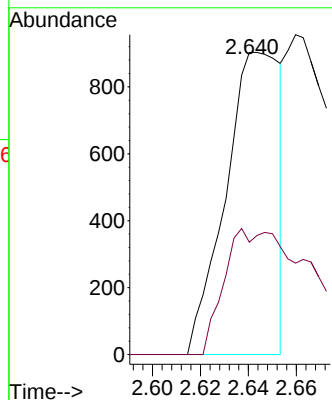
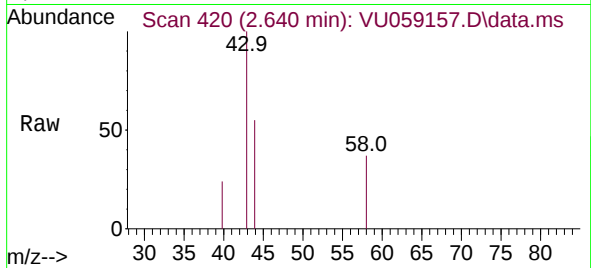
ClientSampleId :

Tgt Ion: 43 Resp: 1416

Ion Ratio Lower Upper

43 100

58 37.2 27.9 41.9



#14

Carbon Disulfide

Concen: 0.354 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU059157.D

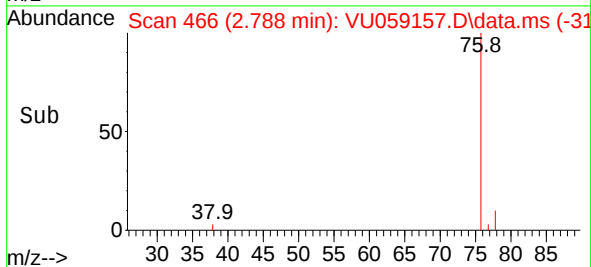
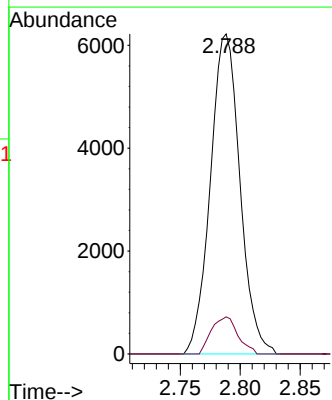
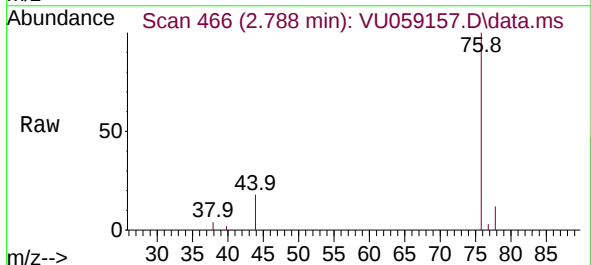
Acq: 05 Jun 2024 18:50

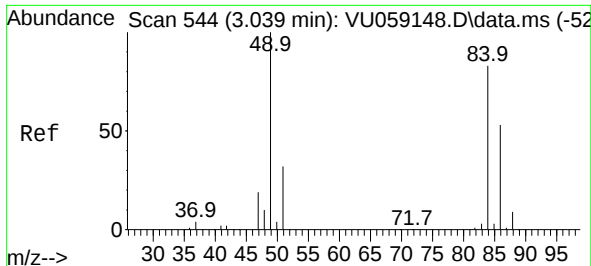
Tgt Ion: 76 Resp: 10671

Ion Ratio Lower Upper

76 100

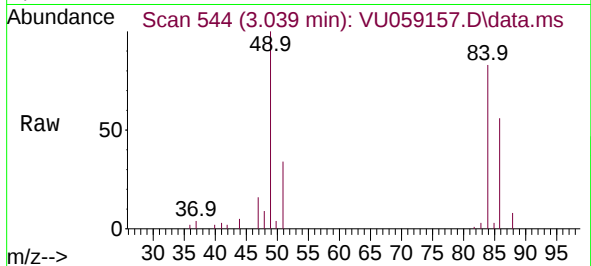
78 11.6 7.3 10.9#



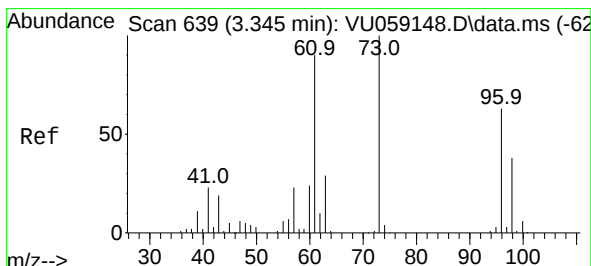
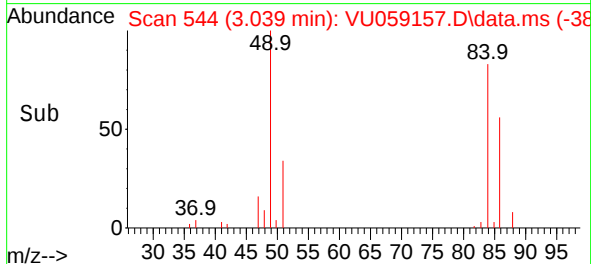
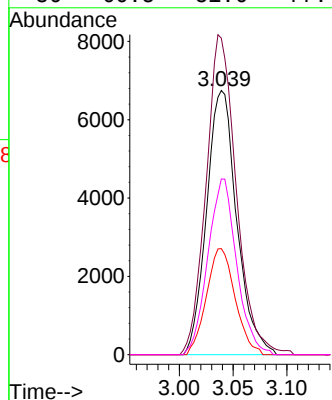


#15
Methylene Chloride
Concen: 1.015 ug/l
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Instrument :
MSVOA_U
ClientSampleId :

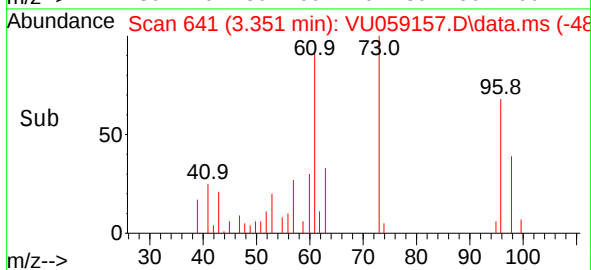
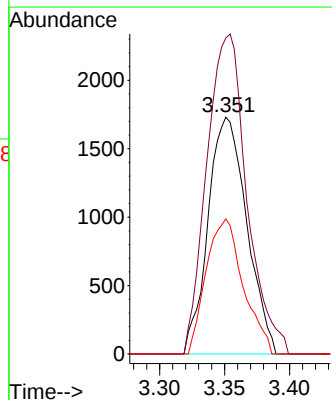
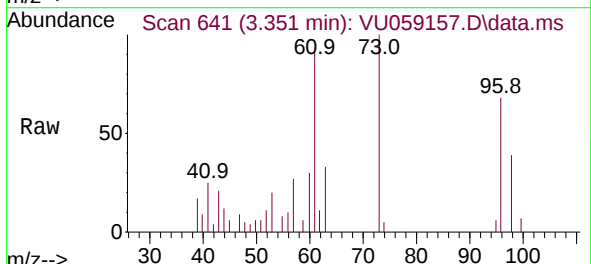


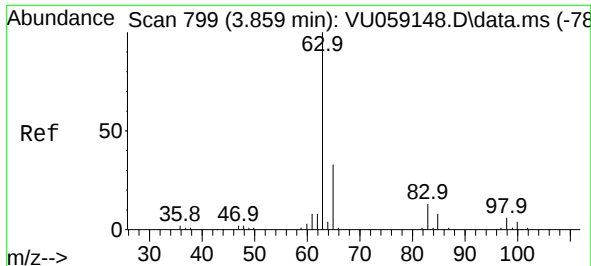
Tgt Ion:	84	Resp:	13170
Ion	Ratio	Lower	Upper
84	100		
49	119.8	96.7	145.1
51	40.2	0.0	76.8
86	66.5	51.6	77.4



#16
trans-1,2-Dichloroethene
Concen: 0.347 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion:	96	Resp:	3589
Ion	Ratio	Lower	Upper
96	100		
61	133.4	114.8	172.2
98	57.0	48.8	73.2

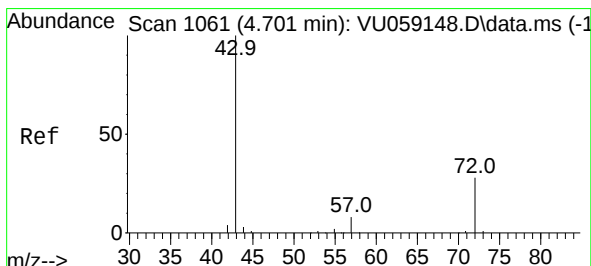
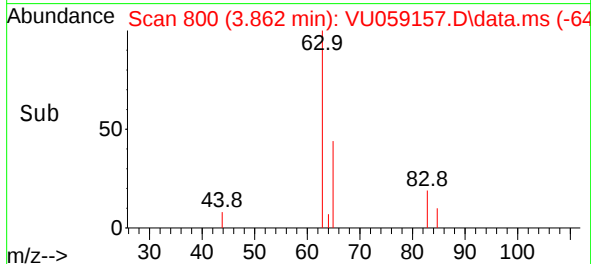
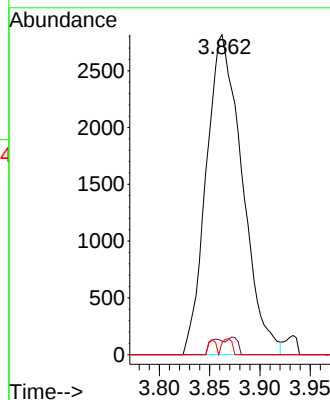
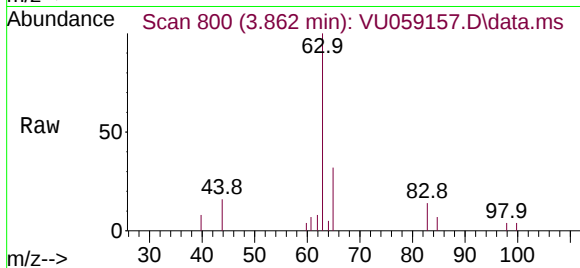




#17
 1,1-Dichloroethane
 Concen: 0.324 ug/l
 RT: 3.862 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VU059157.D
 Acq: 05 Jun 2024 18:50

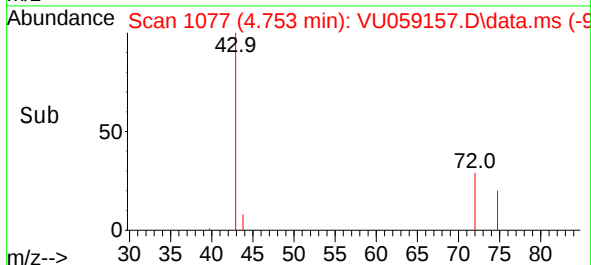
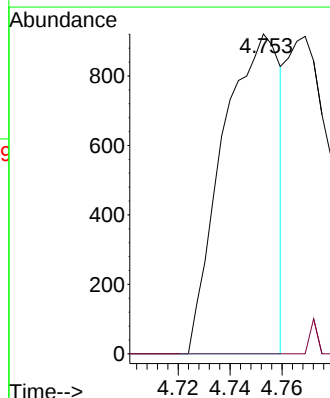
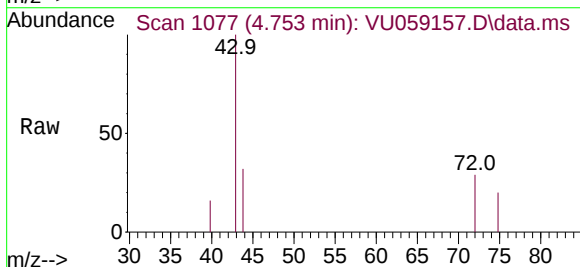
Instrument :
 MSVOA_U
 ClientSampleId :

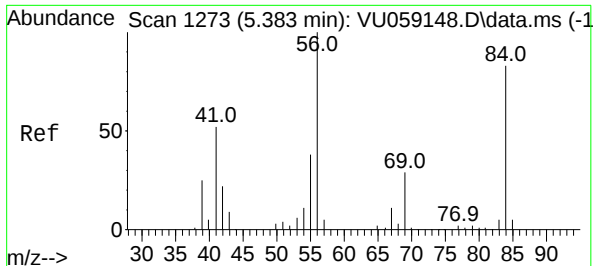
Tgt Ion:	63	Resp:	7004
Ion	Ratio	Lower	Upper
63	100		
98	4.2	3.2	9.6
100	3.7	2.1	6.5



#18
 2-Butanone
 Concen: 0.390 ug/l
 RT: 4.753 min Scan# 1077
 Delta R.T. 0.051 min
 Lab File: VU059157.D
 Acq: 05 Jun 2024 18:50

Tgt Ion:	43	Resp:	1408
Ion	Ratio	Lower	Upper
43	100		
57	0.0	0.0	16.8





#19

Cyclohexane

Concen: 0.300 ug/l

RT: 5.383 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

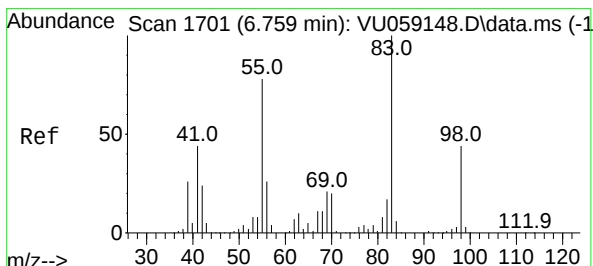
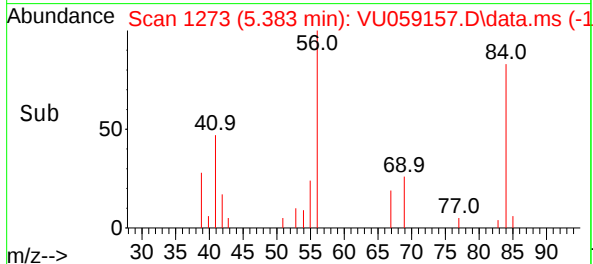
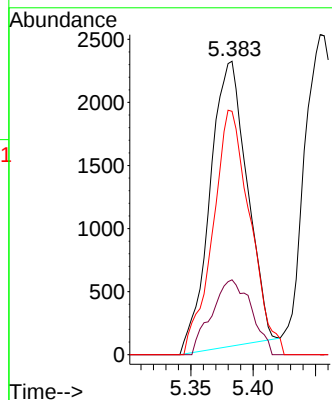
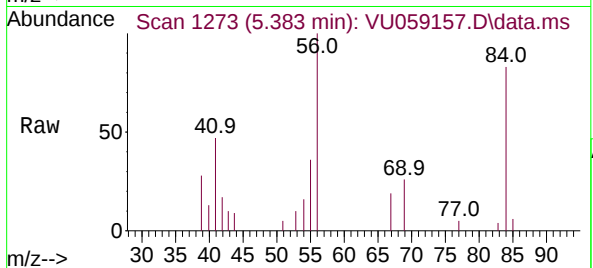
Tgt Ion: 56 Resp: 4693

Ion Ratio Lower Upper

56 100

69 27.9 23.5 35.3

84 86.2 66.5 99.7



#20

Methylcyclohexane

Concen: 0.274 ug/l

RT: 6.753 min Scan# 1699

Delta R.T. -0.006 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

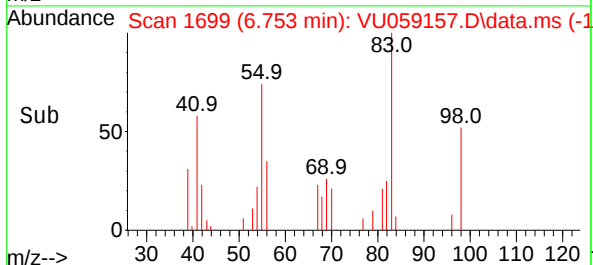
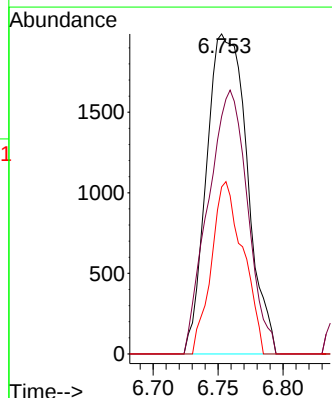
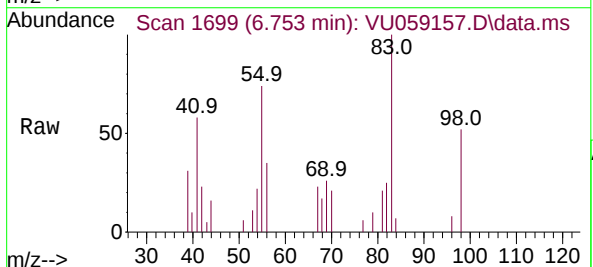
Tgt Ion: 83 Resp: 4314

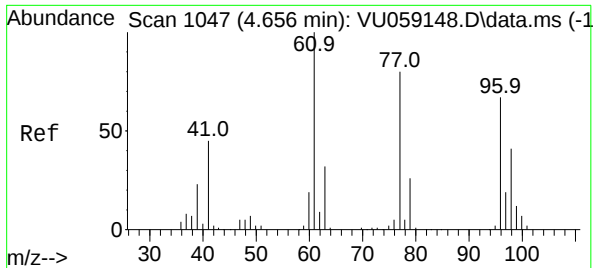
Ion Ratio Lower Upper

83 100

55 79.9 62.7 94.1

98 42.1 35.1 52.7

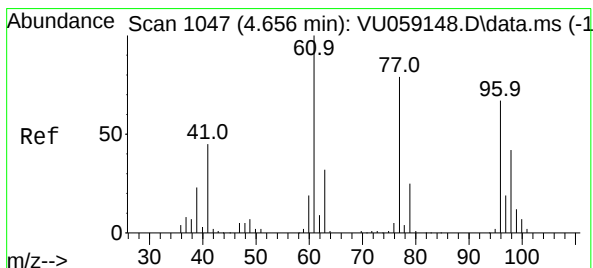
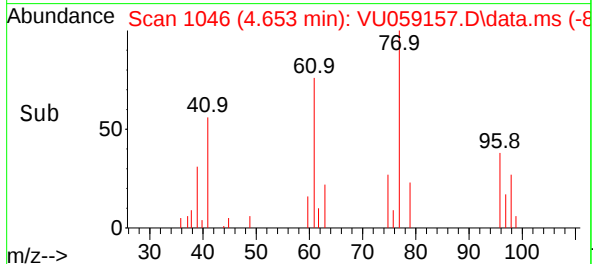
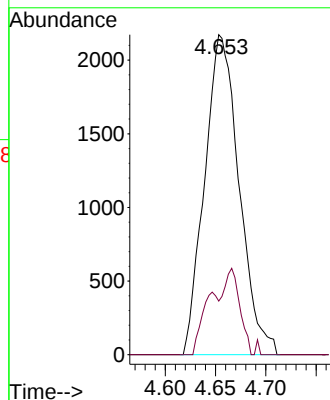
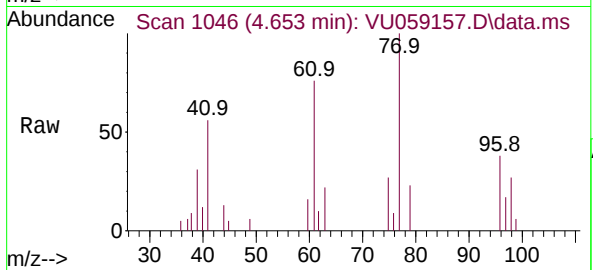




#21
2,2-Dichloropropane
Concen: 0.324 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

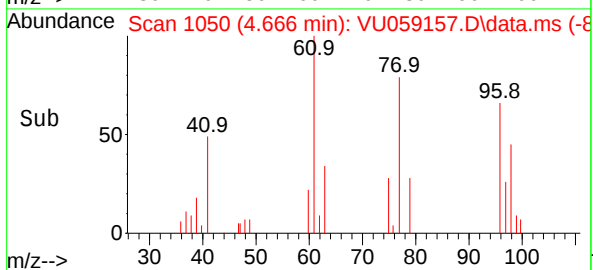
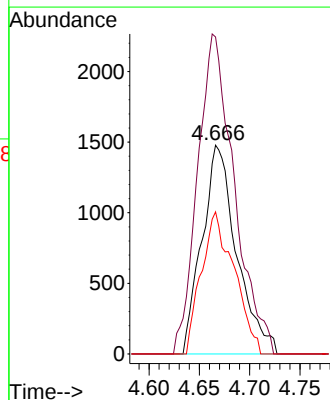
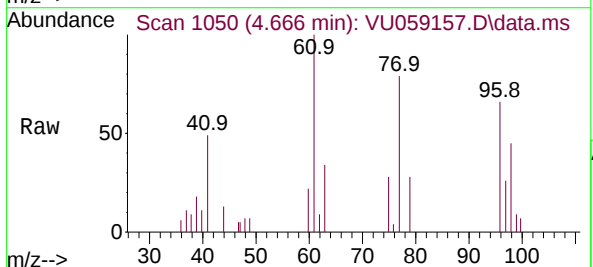
Instrument :
MSVOA_U
ClientSampleId :

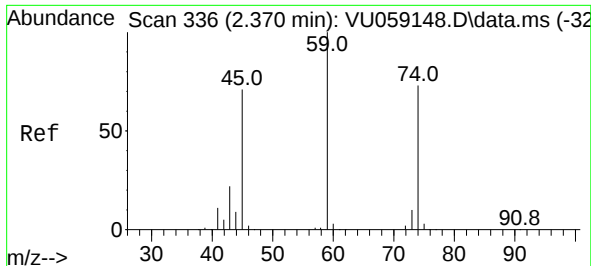
Tgt Ion: 77 Resp: 5177
Ion Ratio Lower Upper
77 100
97 9.4 18.1 27.1#



#22
cis-1,2-Dichloroethene
Concen: 0.316 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion: 96 Resp: 3542
Ion Ratio Lower Upper
96 100
61 162.0 0.0 388.5
98 64.4 31.8 95.3





#23

Diethyl Ether

Concen: 0.325 ug/l

RT: 2.370 min Scan# 336

Delta R.T. -0.000 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

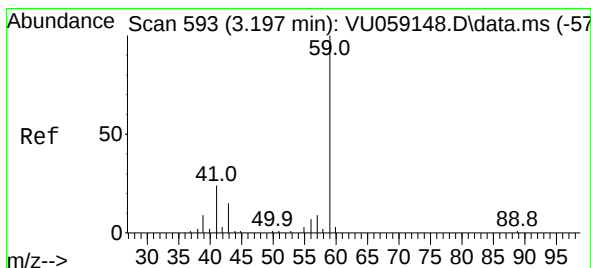
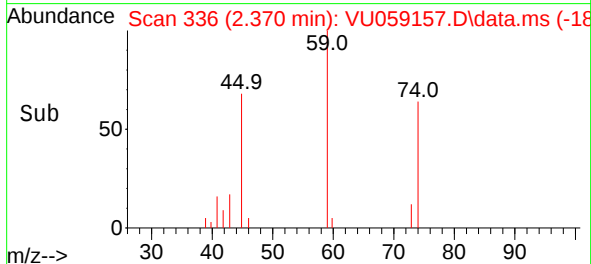
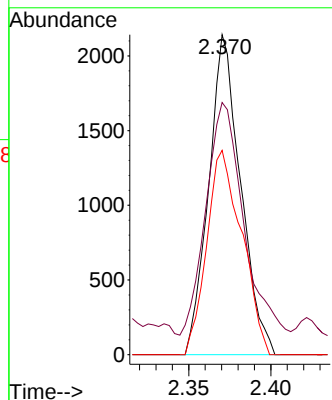
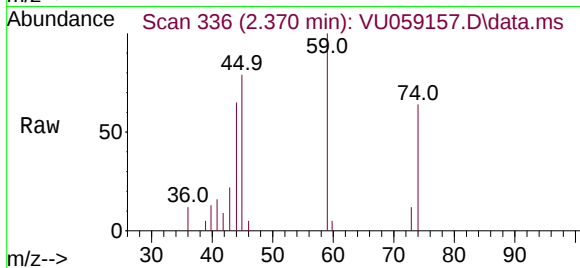
Tgt Ion: 59 Resp: 2887

Ion Ratio Lower Upper

59 100

45 84.9 58.8 88.2

74 70.3 58.0 87.0



#24

tert-Butyl Alcohol

Concen: 0.728 ug/l

RT: 3.184 min Scan# 589

Delta R.T. -0.013 min

Lab File: VU059157.D

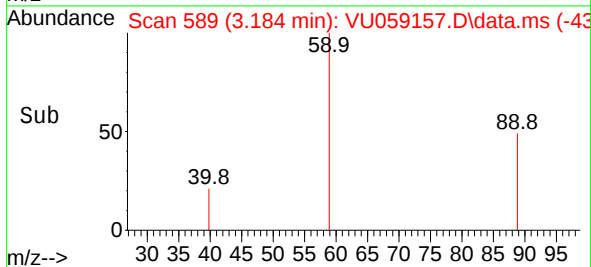
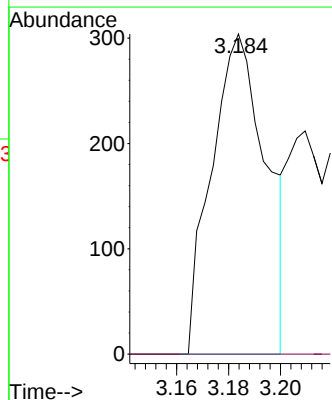
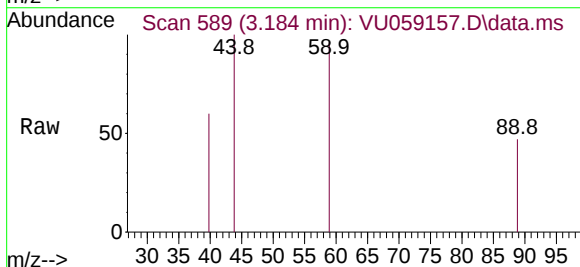
Acq: 05 Jun 2024 18:50

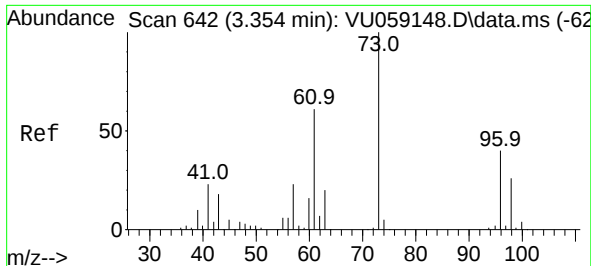
Tgt Ion: 59 Resp: 442

Ion Ratio Lower Upper

59 100

57 0.0 2.9 4.3#





#25

Methyl tert-Butyl Ether

Concen: 0.318 ug/l

RT: 3.364 min Scan# 642

Delta R.T. 0.010 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

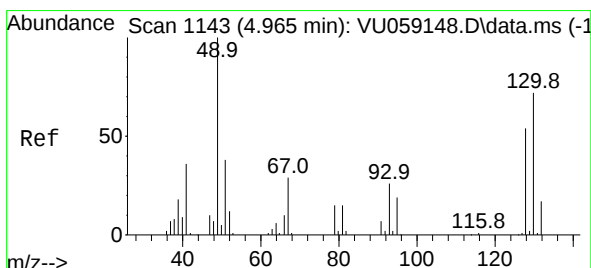
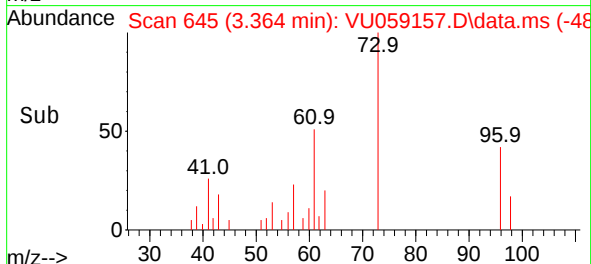
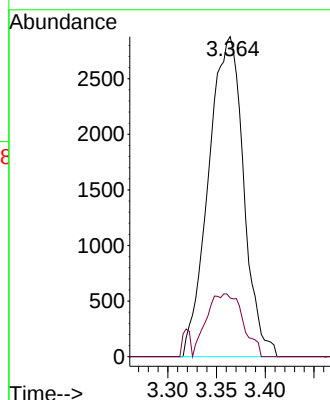
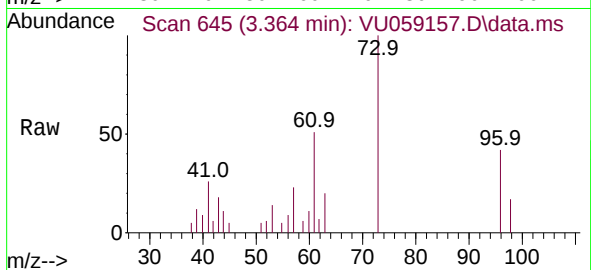
ClientSampleId :

Tgt Ion: 73 Resp: 7209

Ion Ratio Lower Upper

73 100

43 20.4 15.0 22.6



#26

Bromochloromethane

Concen: 0.320 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.003 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

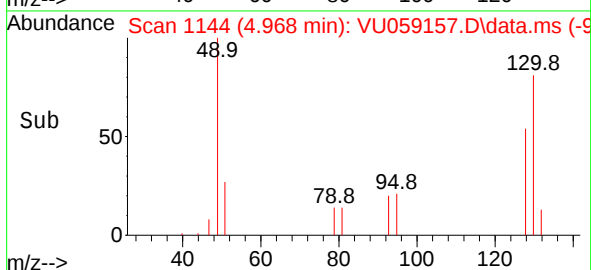
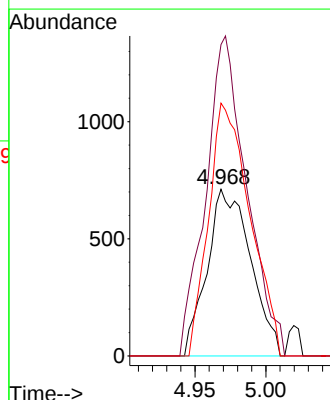
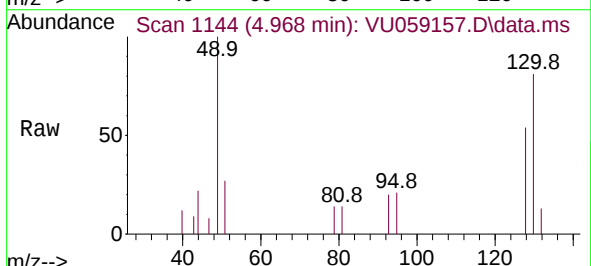
Tgt Ion: 128 Resp: 1518

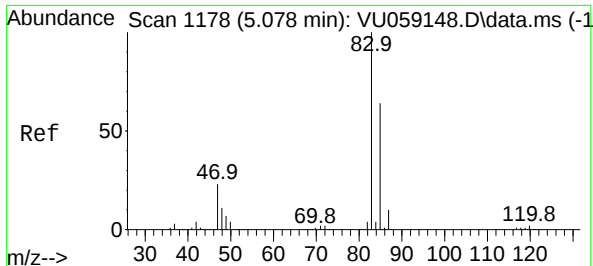
Ion Ratio Lower Upper

128 100

49 181.2 0.0 371.2

130 144.9 104.1 156.1

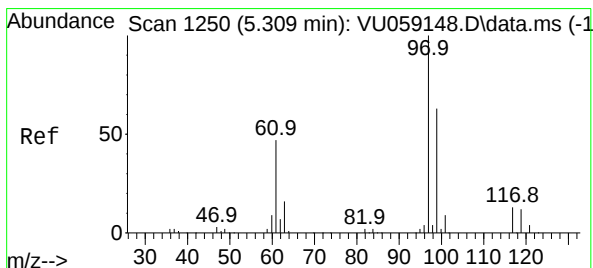
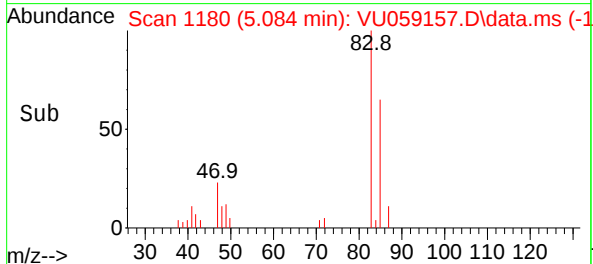
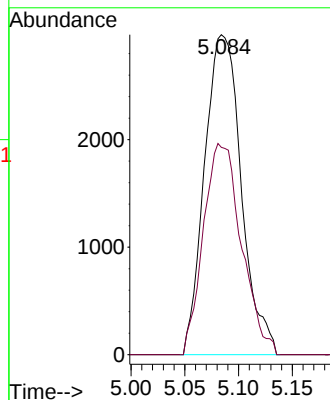
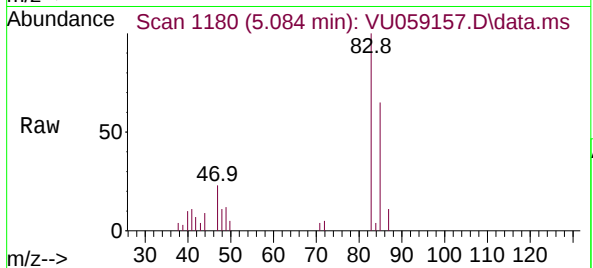




#27
Chloroform
Concen: 0.326 ug/l
RT: 5.084 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

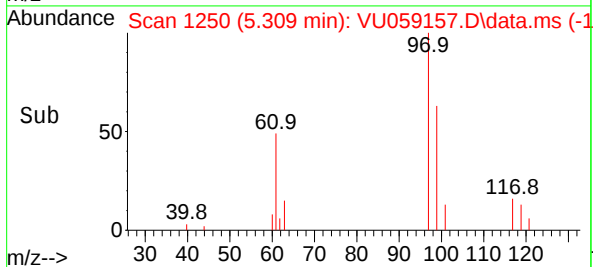
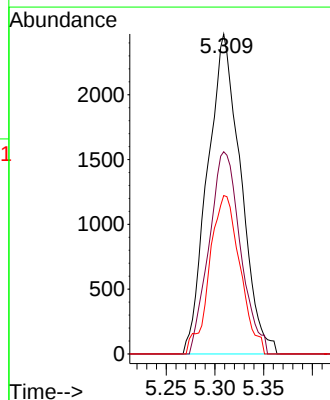
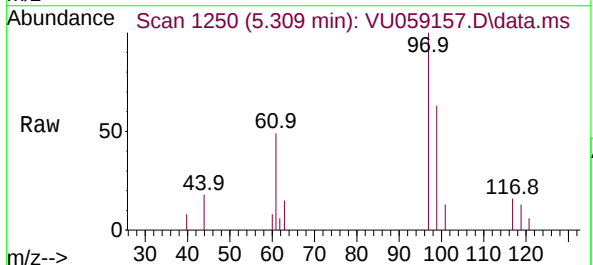
Instrument :
MSVOA_U
ClientSampleId :

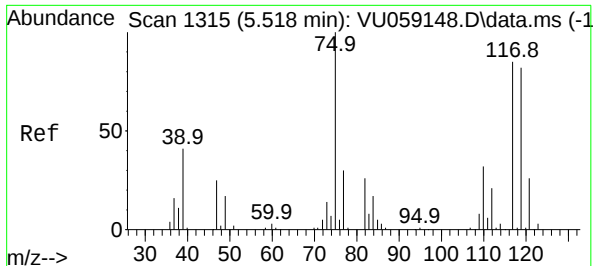
Tgt Ion: 83 Resp: 7085
Ion Ratio Lower Upper
83 100
85 64.8 0.0 127.2



#28
1,1,1-Trichloroethane
Concen: 0.340 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion: 97 Resp: 5836
Ion Ratio Lower Upper
97 100
99 59.9 32.0 96.0
61 45.6 23.9 71.7





#29

1,1-Dichloropropene

Concen: 0.296 ug/l

RT: 5.524 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

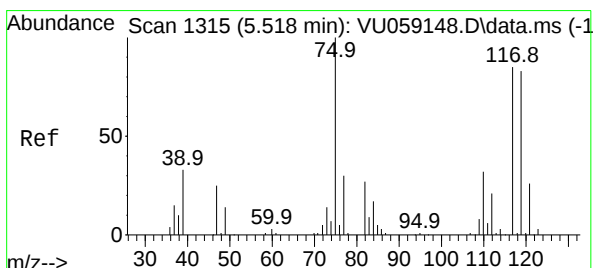
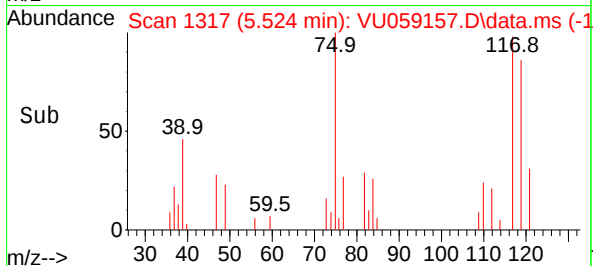
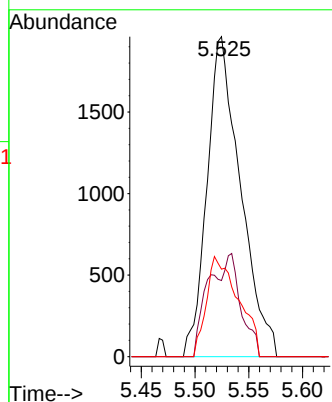
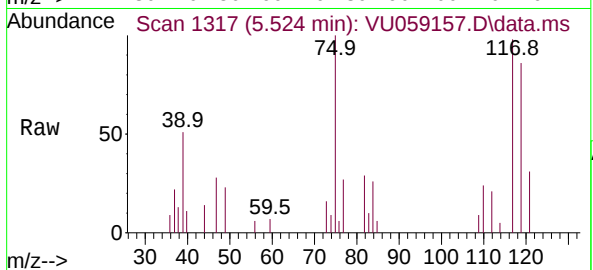
Tgt Ion: 75 Resp: 4247

Ion Ratio Lower Upper

75 100

110 16.2 17.0 50.9#

77 0.0 24.6 36.8#



#30

Carbon Tetrachloride

Concen: 0.319 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

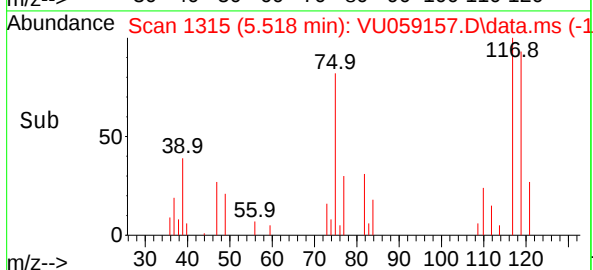
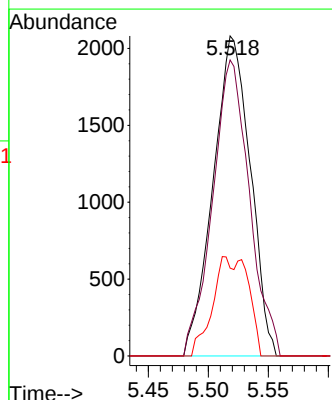
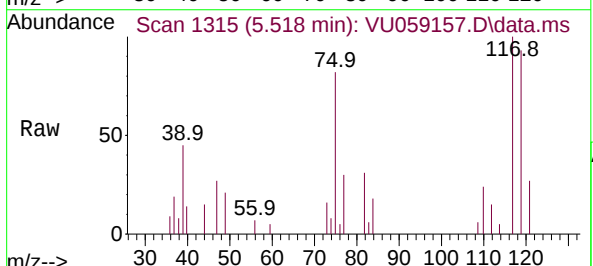
Tgt Ion: 117 Resp: 4486

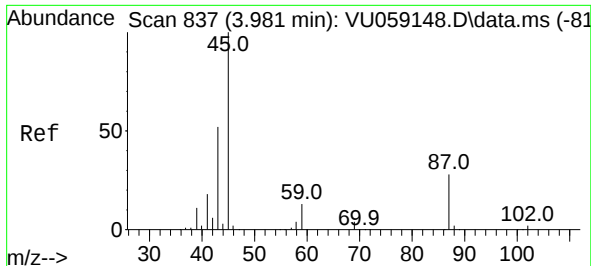
Ion Ratio Lower Upper

117 100

119 92.5 77.5 116.3

121 27.5 24.6 37.0

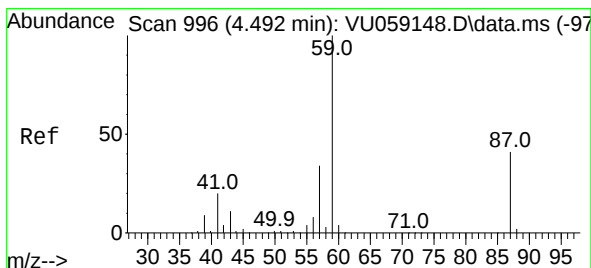
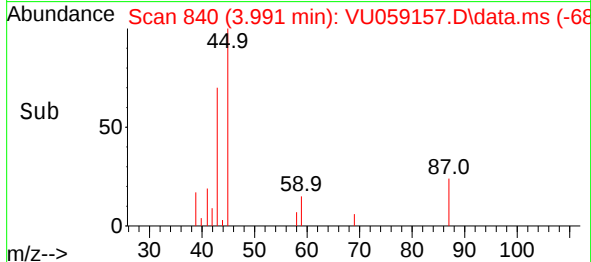
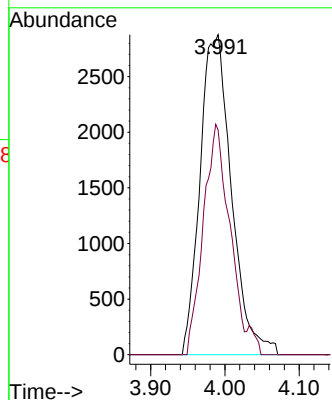
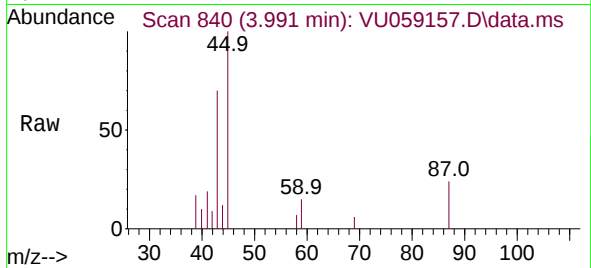




#31
Isopropyl Ether
Concen: 0.298 ug/l
RT: 3.991 min Scan# 841
Delta R.T. 0.010 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

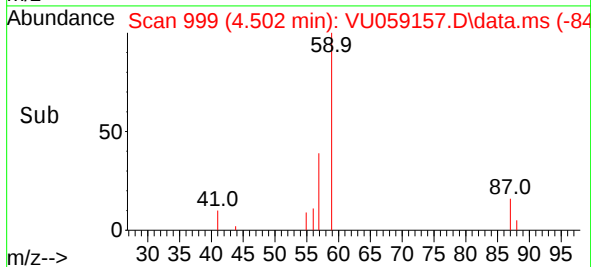
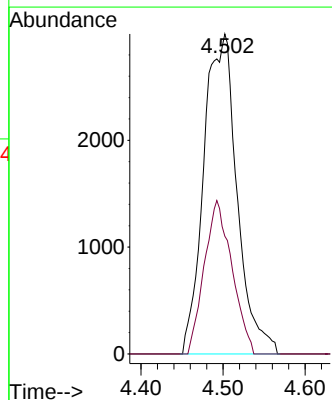
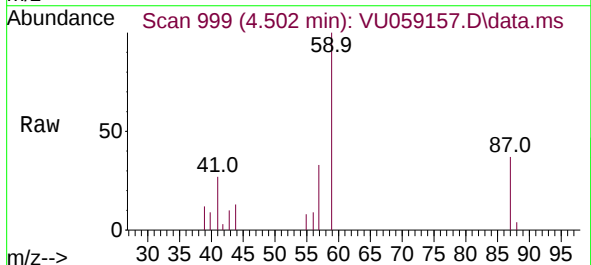
Instrument :
MSVOA_U
ClientSampleId :

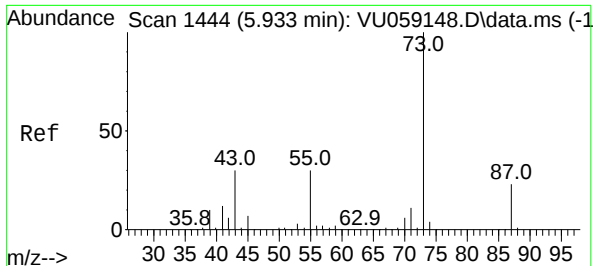
Tgt Ion: 45 Resp: 8455
Ion Ratio Lower Upper
45 100
43 60.0 26.1 78.3



#32
Ethyl-t-butyl ether
Concen: 0.320 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.010 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion: 59 Resp: 8441
Ion Ratio Lower Upper
59 100
87 39.8 32.2 48.4

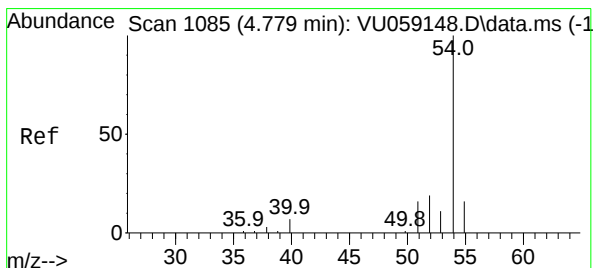
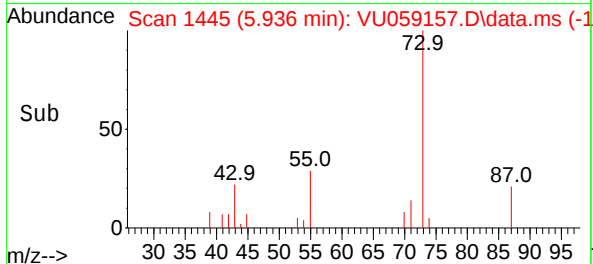
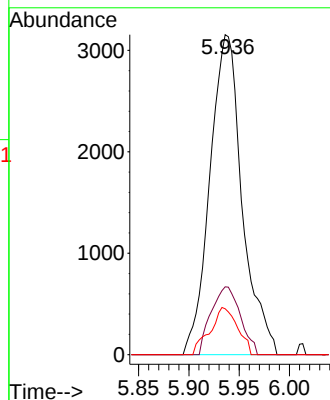
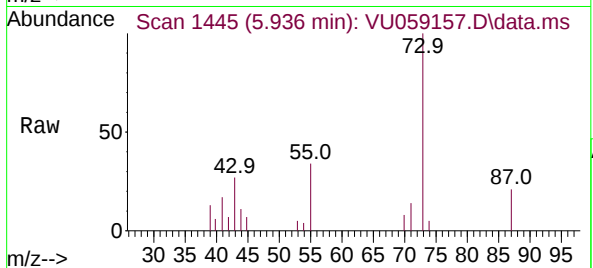




#33
Tert-Amyl methyl ether
Concen: 0.302 ug/l
RT: 5.936 min Scan# 1444
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

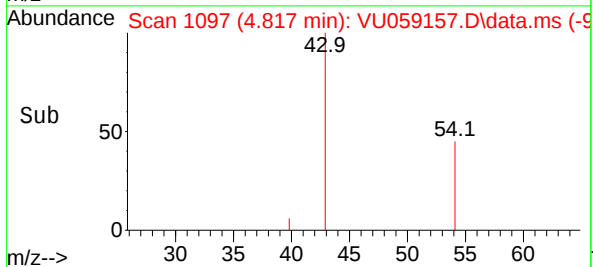
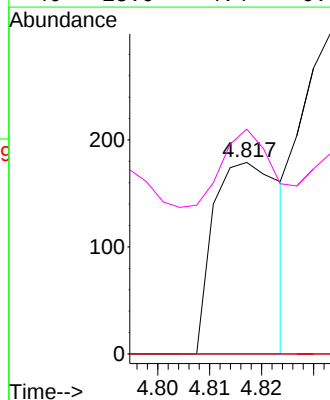
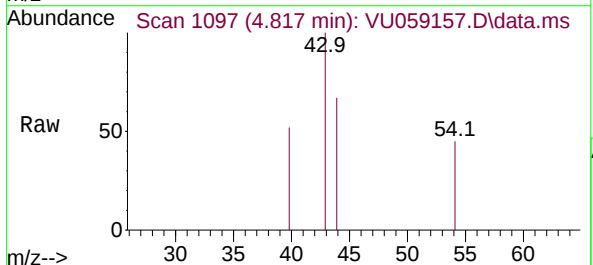
Instrument :
MSVOA_U
ClientSampleId :

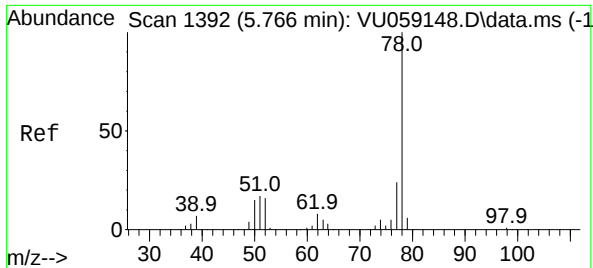
Tgt Ion: 73 Resp: 7046
Ion Ratio Lower Upper
73 100
87 19.1 18.6 27.8
71 12.5 9.1 13.7



#34
Propionitrile
Concen: 0.192 ug/l
RT: 4.817 min Scan# 1097
Delta R.T. 0.039 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion: 54 Resp: 159
Ion Ratio Lower Upper
54 100
52 0.0 15.2 22.8#
55 0.0 12.4 18.6#
40 28.9 4.4 6.6#





#35

Benzene

Concen: 0.311 ug/l

RT: 5.772 min Scan# 1400

Delta R.T. 0.006 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

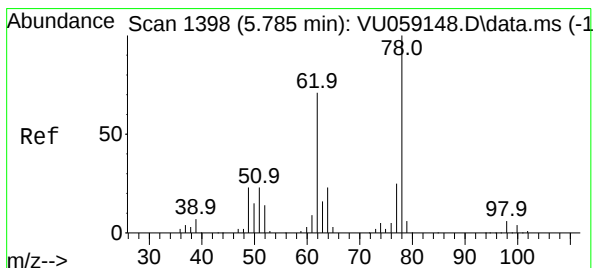
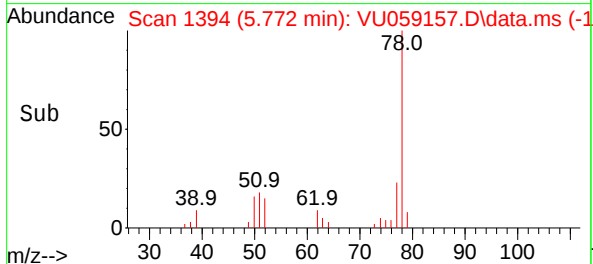
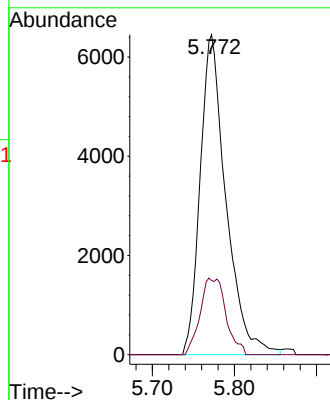
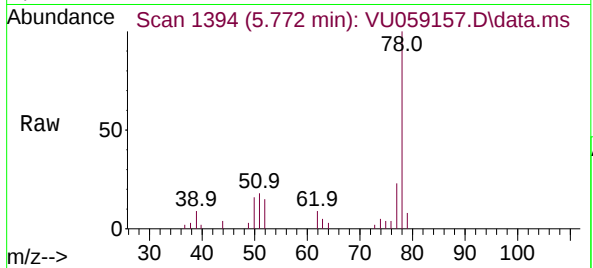
ClientSampleId :

Tgt Ion: 78 Resp: 14051

Ion Ratio Lower Upper

78 100

77 23.1 19.4 29.2



#36

1,2-Dichloroethane

Concen: 0.322 ug/l

RT: 5.795 min Scan# 1401

Delta R.T. 0.010 min

Lab File: VU059157.D

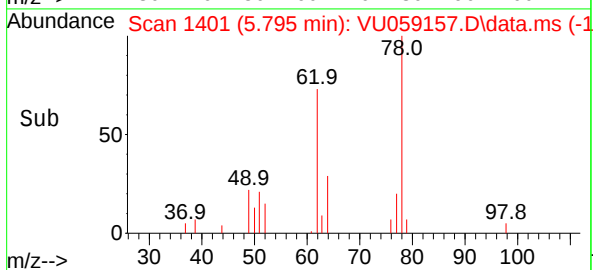
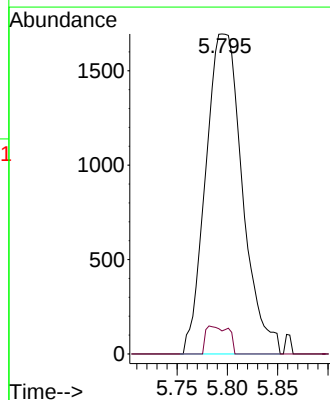
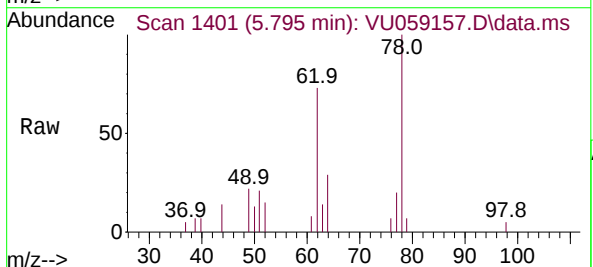
Acq: 05 Jun 2024 18:50

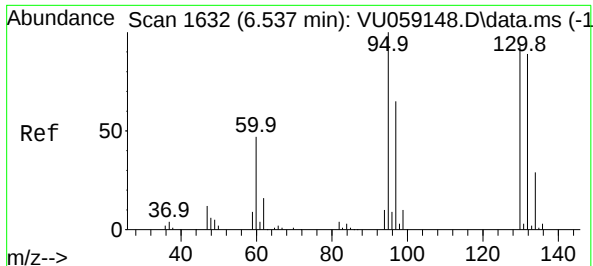
Tgt Ion: 62 Resp: 4309

Ion Ratio Lower Upper

62 100

98 3.7 6.7 10.1#

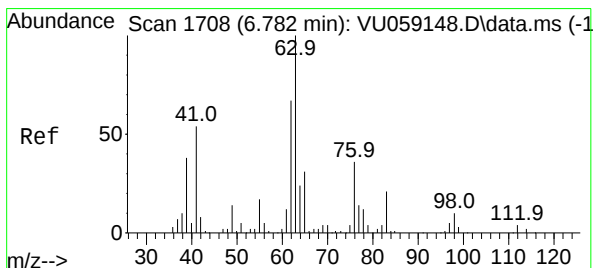
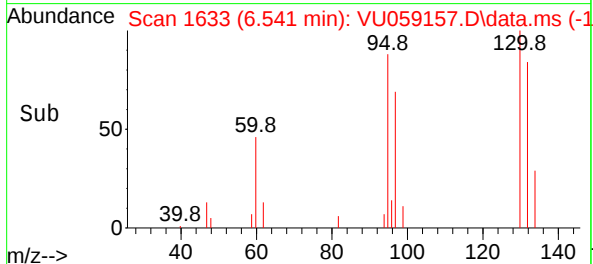
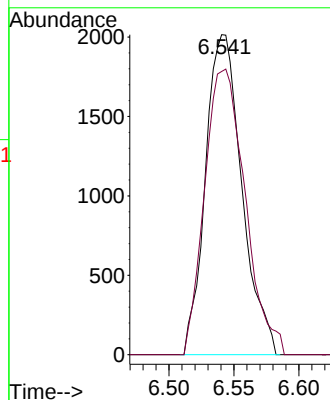
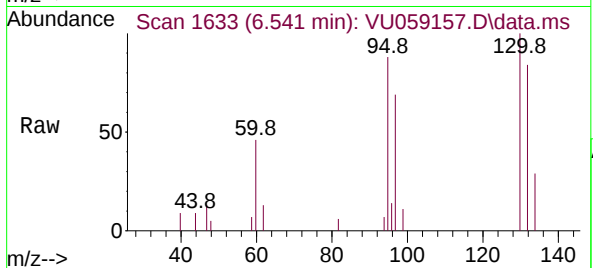




#37
Trichloroethene
Concen: 0.364 ug/l
RT: 6.541 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

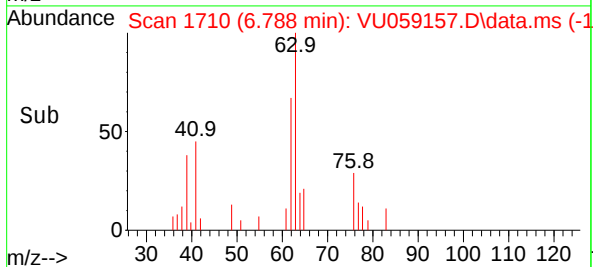
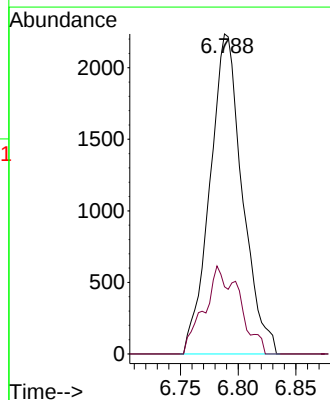
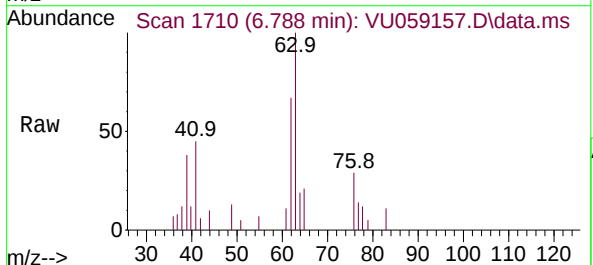
Instrument :
MSVOA_U
ClientSampleId :

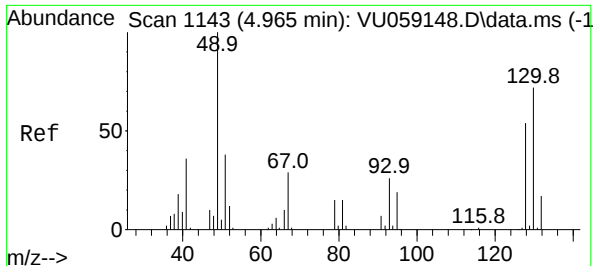
Tgt Ion:130 Resp: 3925
Ion Ratio Lower Upper
130 100
95 88.5 85.6 128.4



#38
1,2-Dichloropropane
Concen: 0.340 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

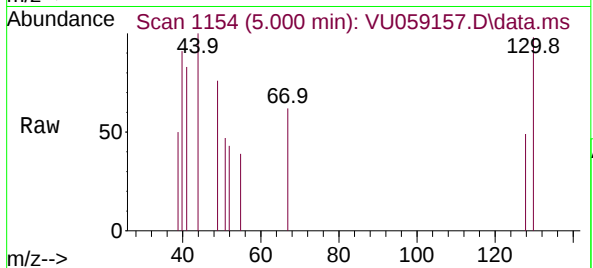
Tgt Ion: 63 Resp: 4364
Ion Ratio Lower Upper
63 100
65 21.0 24.6 37.0#



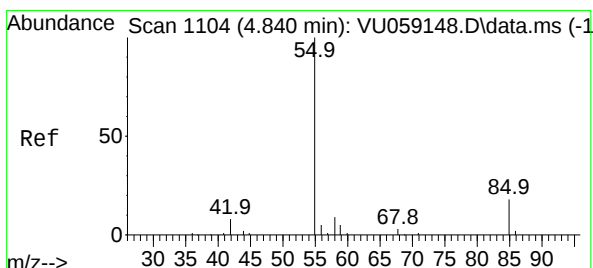
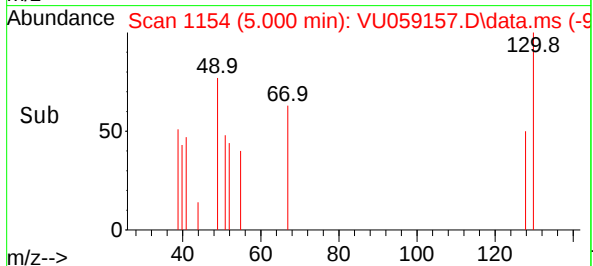
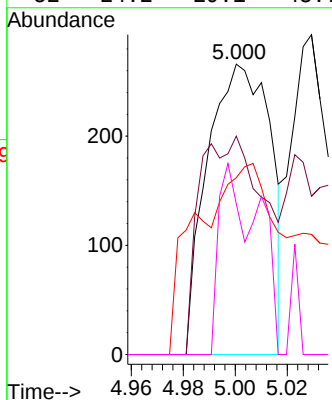


#39
Methacrylonitrile
Concen: 0.145 ug/l
RT: 5.000 min Scan# 1154
Delta R.T. 0.035 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Instrument :
MSVOA_U
ClientSampleId :

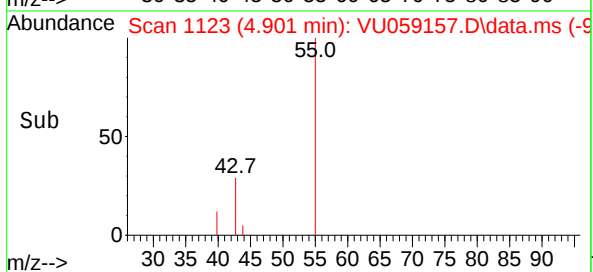
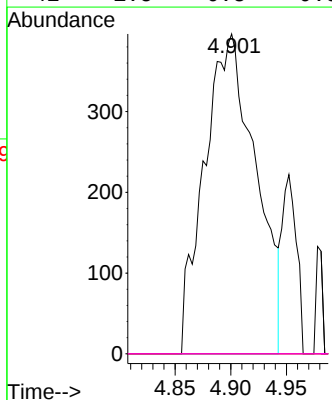
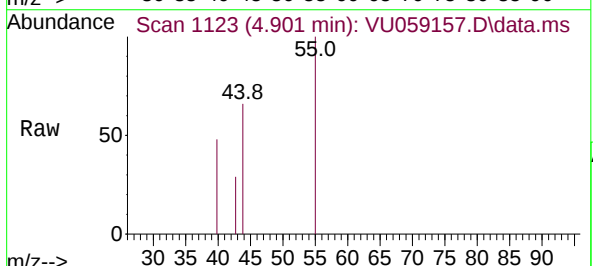


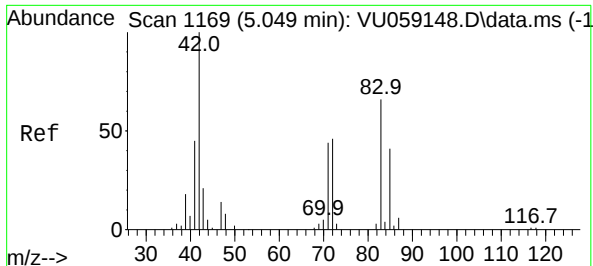
Tgt Ion: 41 Resp: 447
Ion Ratio Lower Upper
41 100
67 29.3 68.2 102.4#
39 81.7 43.4 65.2#
52 24.2 29.1 43.7#



#40
Methyl acrylate
Concen: 0.235 ug/l
RT: 4.901 min Scan# 1123
Delta R.T. 0.061 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion: 55 Resp: 1270
Ion Ratio Lower Upper
55 100
85 0.0 11.8 17.6#
58 0.0 6.0 9.0#
42 1.5 6.3 9.5#





#41

Tetrahydrofuran

Concen: 0.356 ug/l

RT: 5.074 min Scan# 1169

Delta R.T. 0.026 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

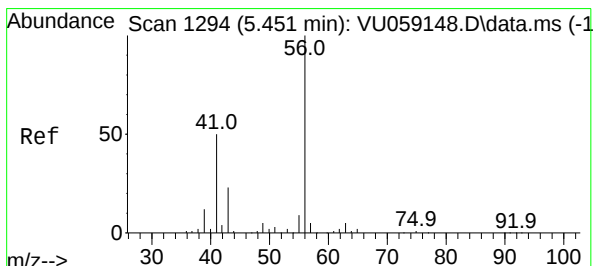
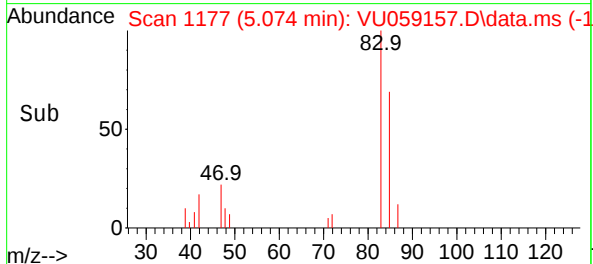
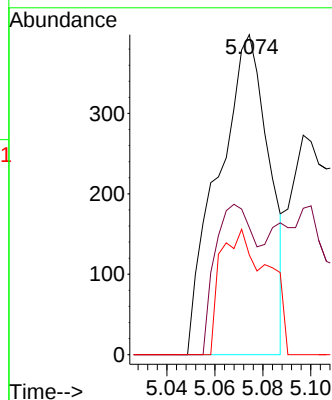
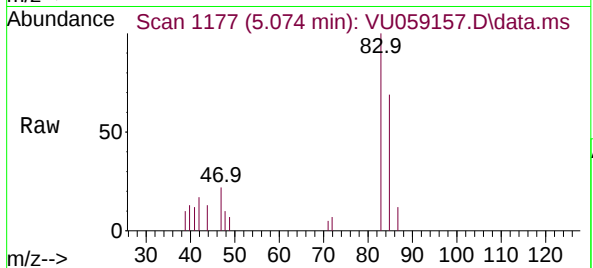
Tgt Ion: 42 Resp: 588

Ion Ratio Lower Upper

42 100

72 35.7 40.7 61.1#

71 36.2 36.5 54.7#



#42

1-Chlorobutane

Concen: 0.315 ug/l

RT: 5.454 min Scan# 1295

Delta R.T. 0.003 min

Lab File: VU059157.D

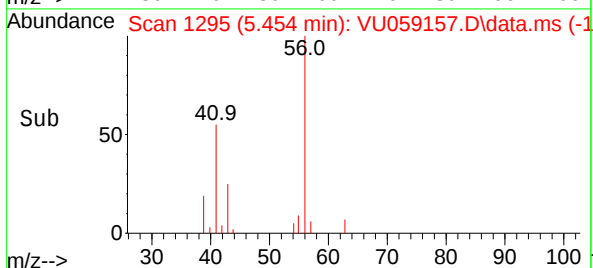
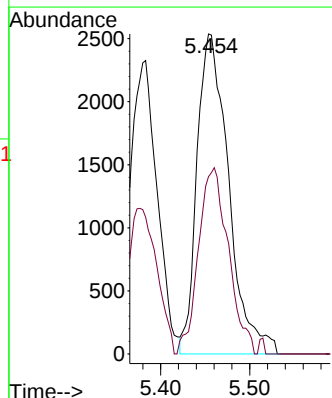
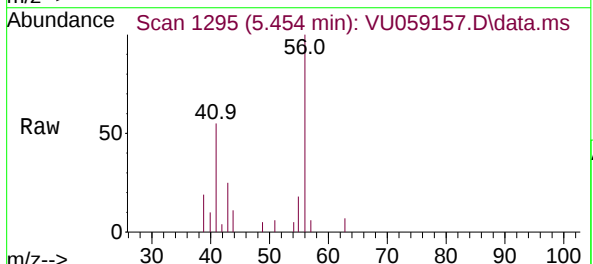
Acq: 05 Jun 2024 18:50

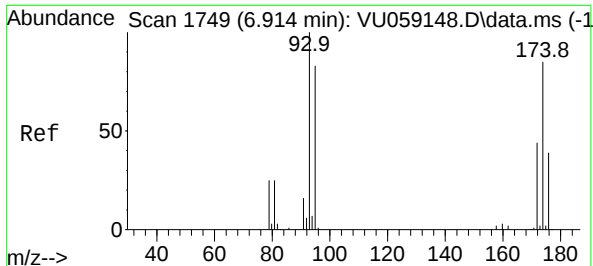
Tgt Ion: 56 Resp: 6262

Ion Ratio Lower Upper

56 100

41 55.0 25.7 77.1





#43

Dibromomethane

Concen: 0.346 ug/l

RT: 6.920 min Scan# 1

Delta R.T. 0.006 min

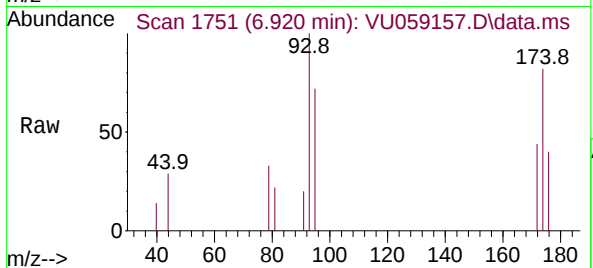
Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :



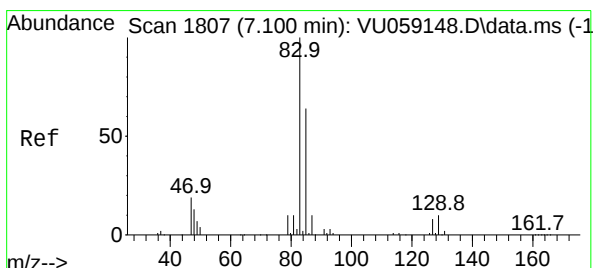
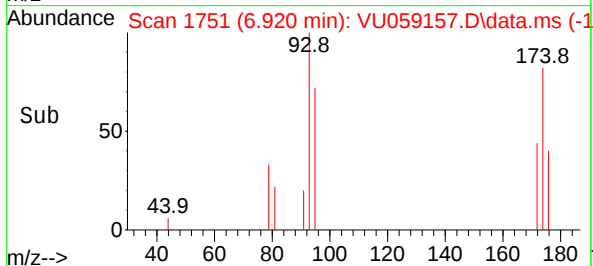
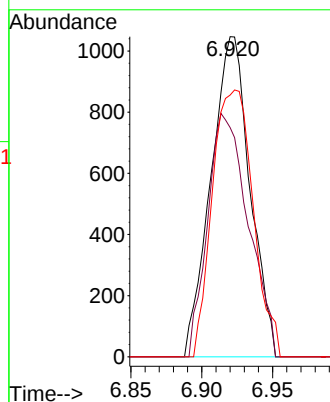
Tgt Ion: 93 Resp: 2008

Ion Ratio Lower Upper

93 100

95 79.1 66.1 99.1

174 86.9 67.2 100.8



#44

Bromodichloromethane

Concen: 0.328 ug/l

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

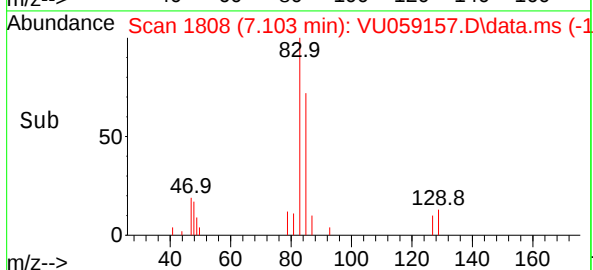
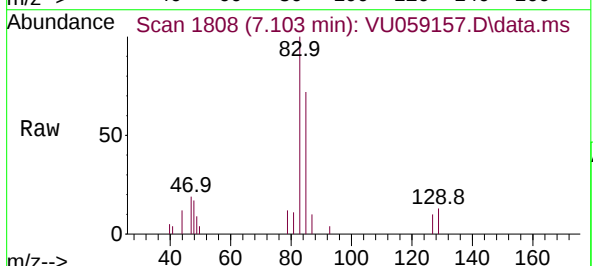
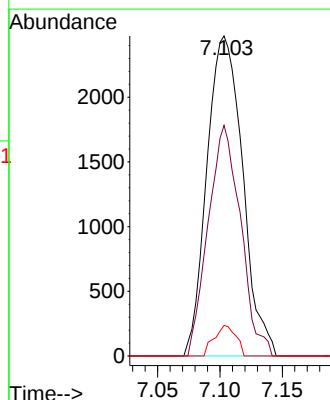
Tgt Ion: 83 Resp: 4937

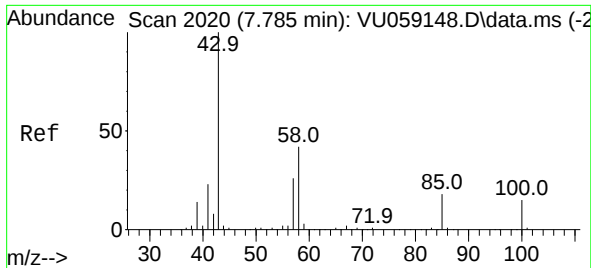
Ion Ratio Lower Upper

83 100

85 72.0 51.0 76.4

127 9.6 6.4 9.6

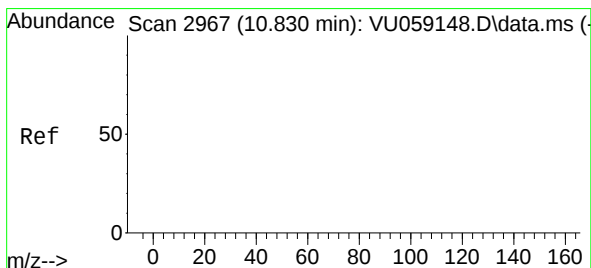
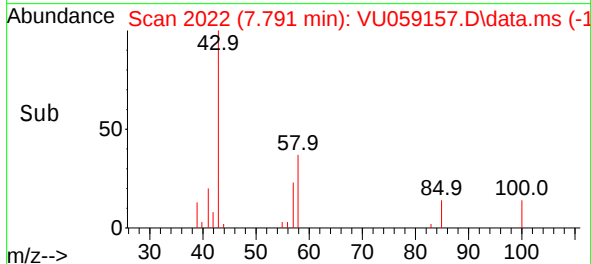
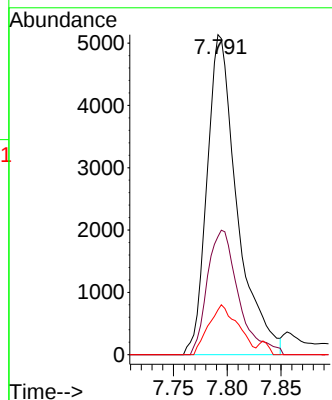
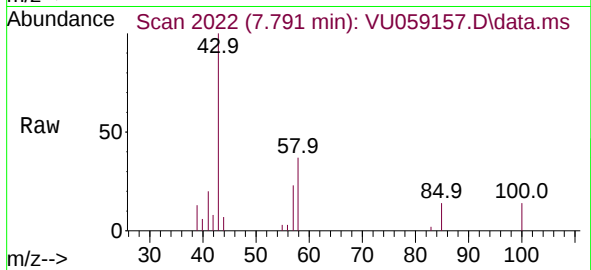




#45
4-Methyl-2-Pentanone
Concen: 1.604 ug/l
RT: 7.791 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

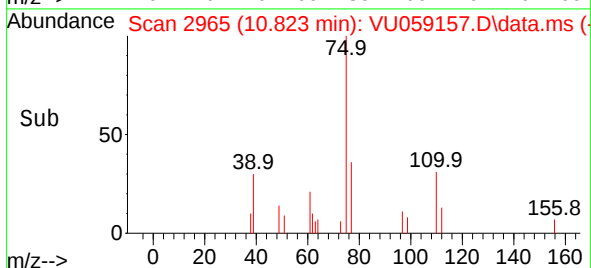
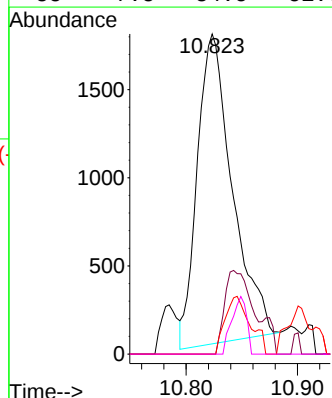
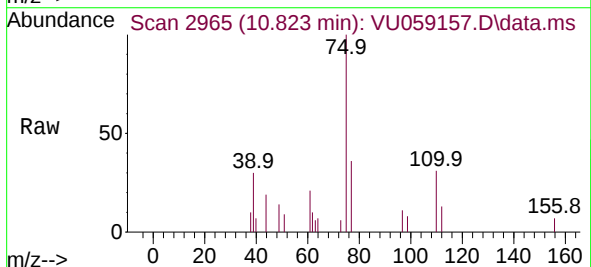
Instrument :
MSVOA_U
ClientSampleId :

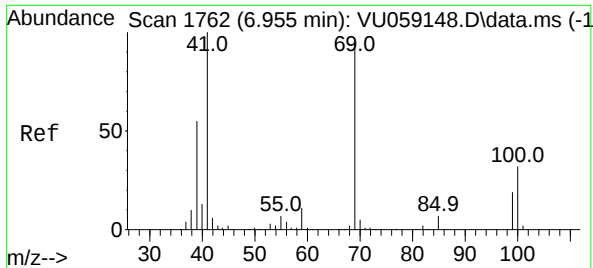
Tgt Ion: 43 Resp: 9988
Ion Ratio Lower Upper
43 100
58 40.4 21.1 63.3
85 15.4 14.6 22.0



#46
t-1,4-Dichloro-2-butene
Concen: 1.452 ug/l
RT: 10.823 min Scan# 2965
Delta R.T. -0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

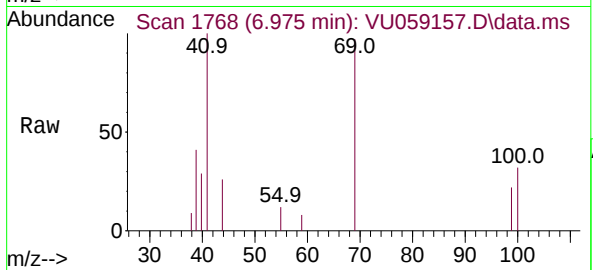
Tgt Ion: 75 Resp: 3838
Ion Ratio Lower Upper
75 100
53 20.0 72.2 108.4#
89 13.3 47.0 70.4#
88 7.8 34.5 51.7#



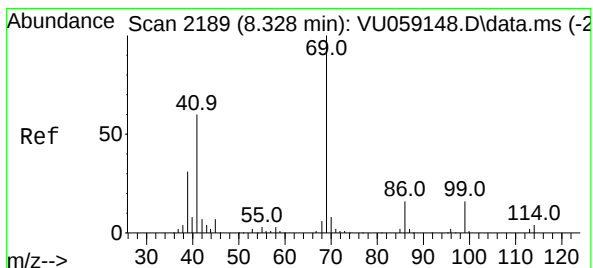
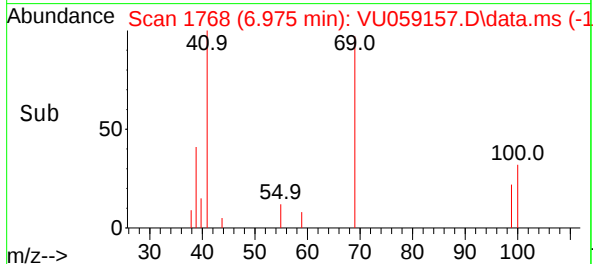
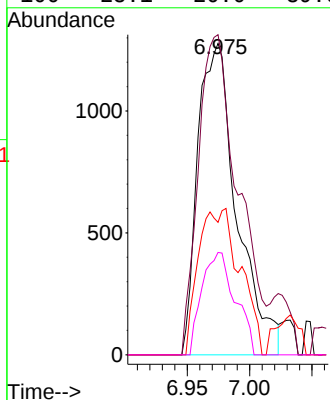


#47
Methyl methacrylate
Concen: 0.557 ug/l
RT: 6.975 min Scan# 1768
Delta R.T. 0.019 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Instrument :
MSVOA_U
ClientSampleId :

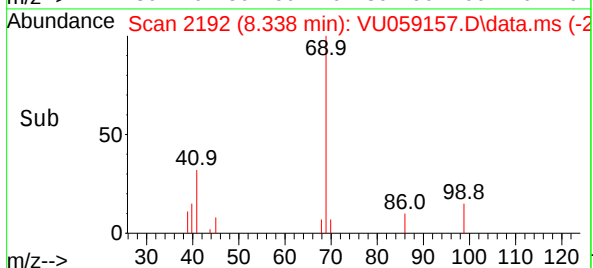
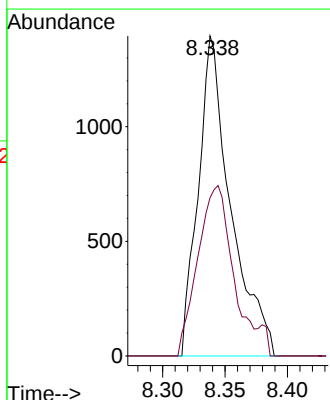
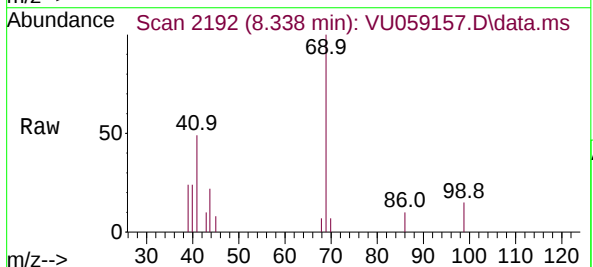


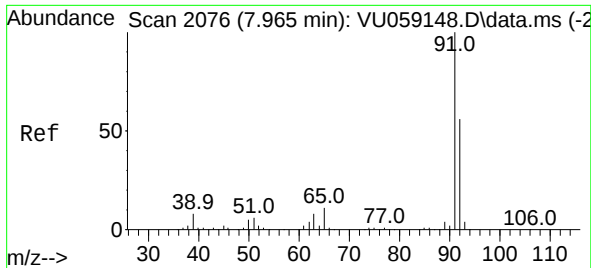
Tgt Ion:	69	Resp:	2777
Ion	Ratio	Lower	Upper
69	100		
41	105.5	0.0	208.8
39	25.0	46.0	69.0#
100	28.1	26.0	39.0



#48
Ethyl methacrylate
Concen: 0.287 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.010 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion:	69	Resp:	2525
Ion	Ratio	Lower	Upper
69	100		
41	59.9	30.2	90.6





#49

Toluene

Concen: 0.298 ug/l

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

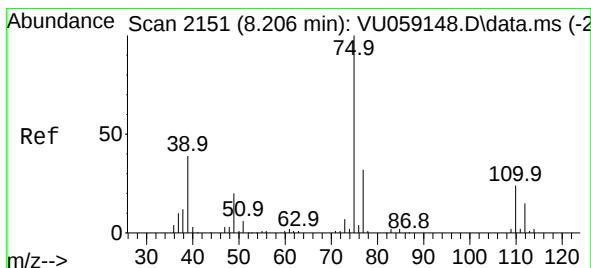
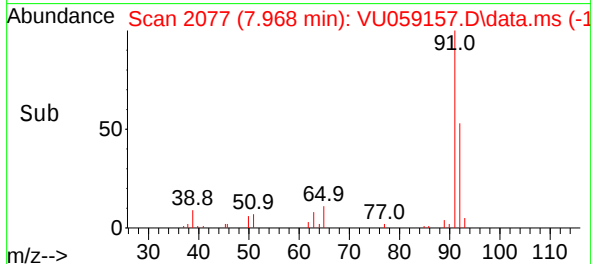
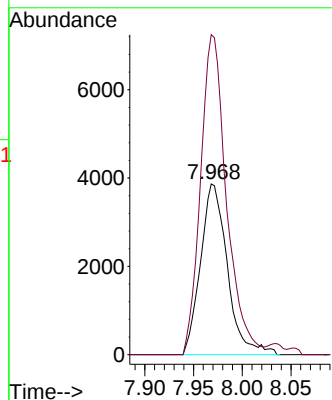
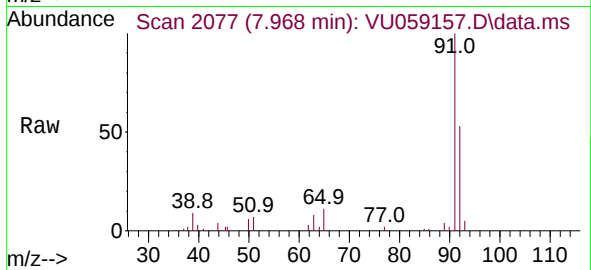
ClientSampleId :

Tgt Ion: 92 Resp: 7410

Ion Ratio Lower Upper

92 100

91 181.0 143.4 215.0



#50

t-1,3-Dichloropropene

Concen: 0.313 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.006 min

Lab File: VU059157.D

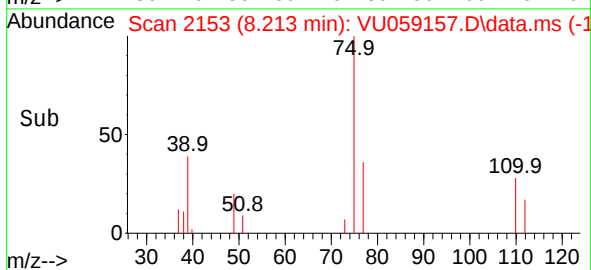
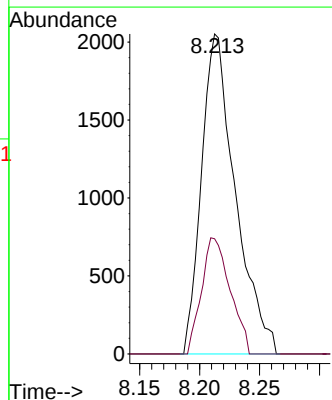
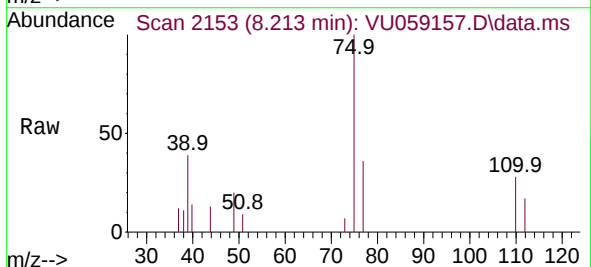
Acq: 05 Jun 2024 18:50

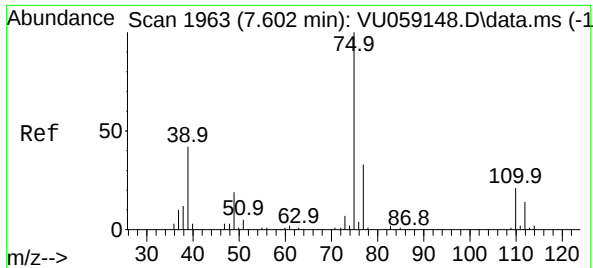
Tgt Ion: 75 Resp: 4031

Ion Ratio Lower Upper

75 100

77 36.0 25.3 37.9

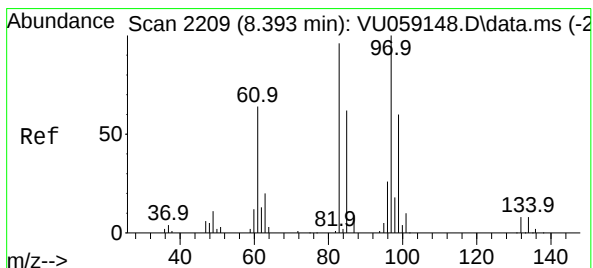
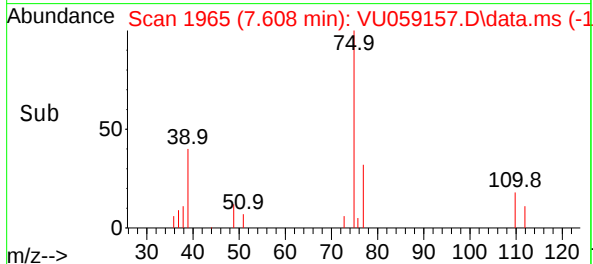
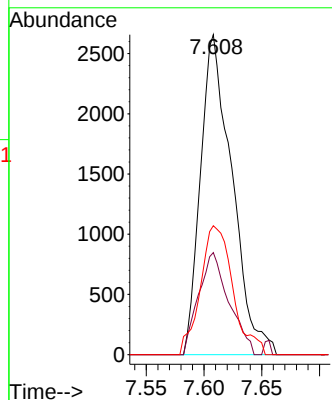
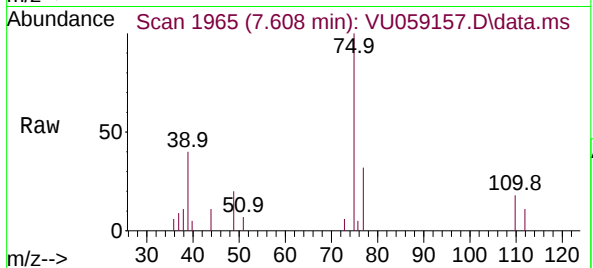




#51
cis-1,3-Dichloropropene
Concen: 0.319 ug/l
RT: 7.608 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

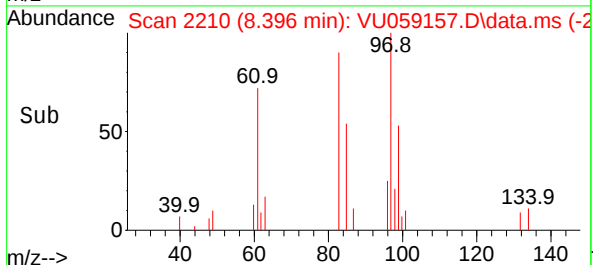
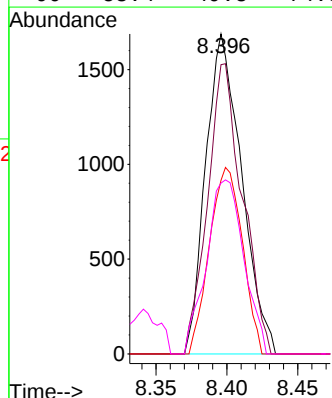
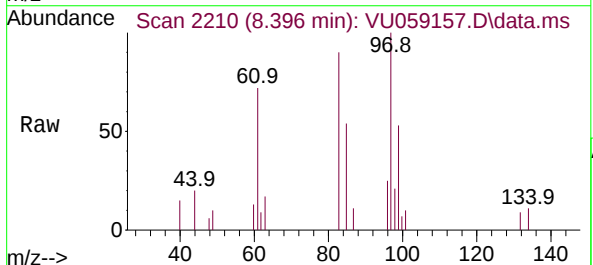
Instrument :
MSVOA_U
ClientSampleId :

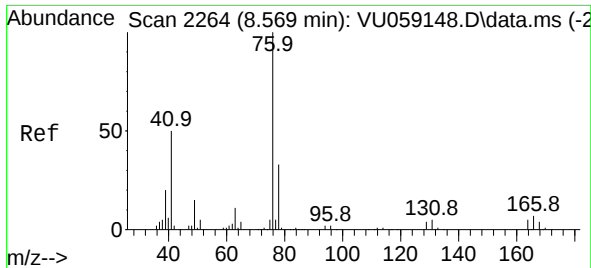
Tgt Ion: 75 Resp: 5036
Ion Ratio Lower Upper
75 100
77 30.5 26.0 39.0
39 38.5 33.2 49.8



#52
1,1,2-Trichloroethane
Concen: 0.346 ug/l
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion: 97 Resp: 2972
Ion Ratio Lower Upper
97 100
83 90.4 76.4 114.6
85 54.3 49.6 74.4
99 53.4 49.8 74.8

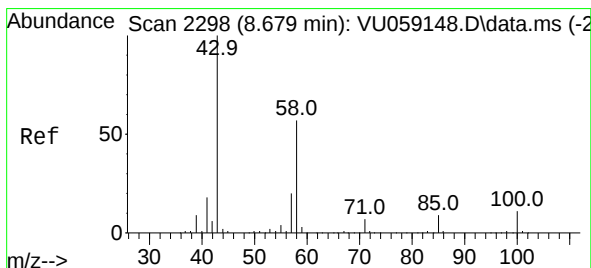
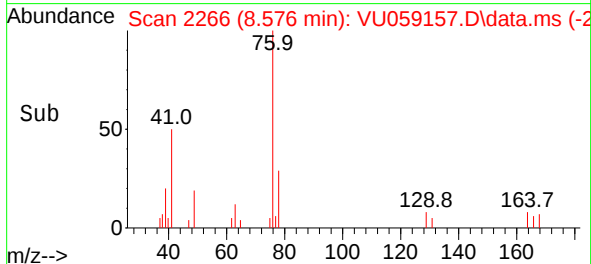
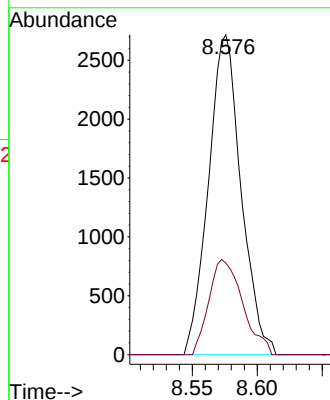
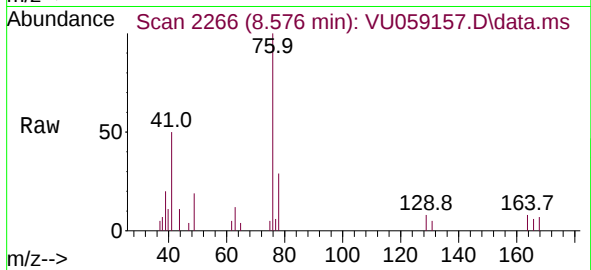




#53
1,3-Dichloropropane
Concen: 0.320 ug/l
RT: 8.576 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

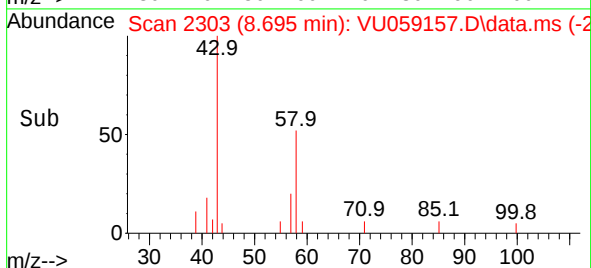
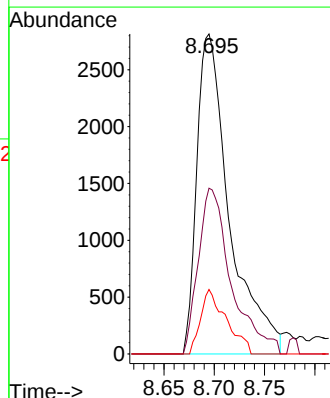
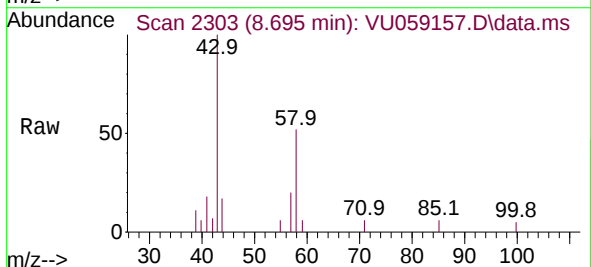
Instrument :
MSVOA_U
ClientSampleId :

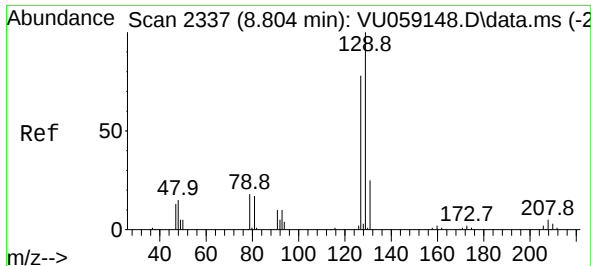
Tgt Ion: 76 Resp: 4740
Ion Ratio Lower Upper
76 100
78 30.8 25.4 38.2



#54
2-Hexanone
Concen: 1.316 ug/l
RT: 8.695 min Scan# 2303
Delta R.T. 0.016 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion: 43 Resp: 6354
Ion Ratio Lower Upper
43 100
58 52.2 38.6 78.6
57 15.8 0.0 39.5





#55

Dibromochloromethane

Concen: 0.318 ug/l

RT: 8.807 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

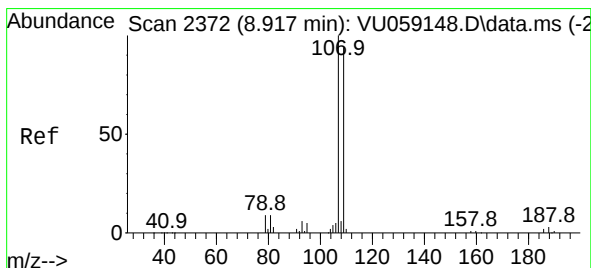
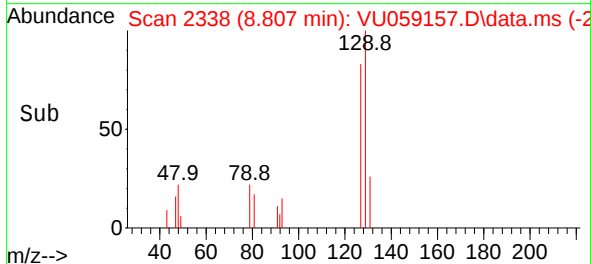
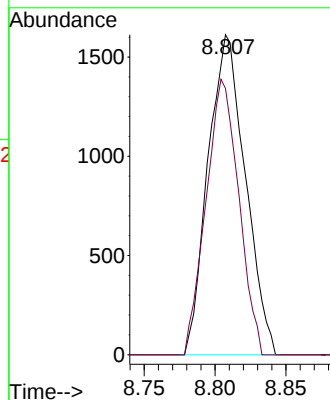
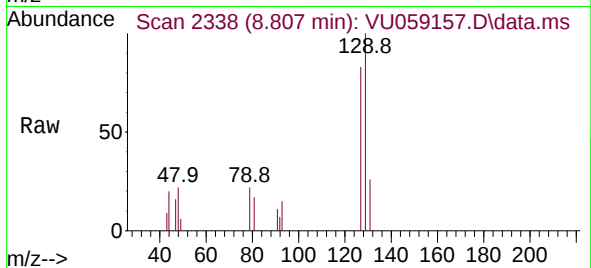
ClientSampleId :

Tgt Ion:129 Resp: 2952

Ion Ratio Lower Upper

129 100

127 75.6 61.9 92.9



#56

1,2-Dibromoethane

Concen: 0.352 ug/l

RT: 8.926 min Scan# 2375

Delta R.T. 0.010 min

Lab File: VU059157.D

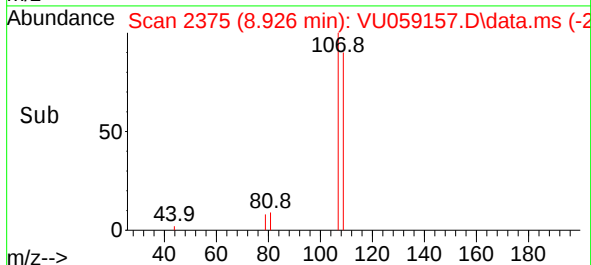
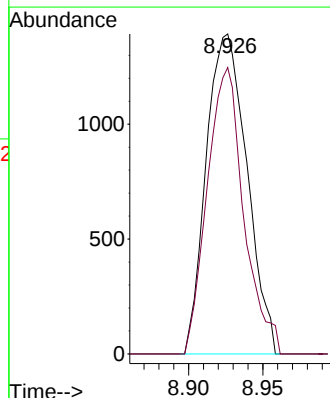
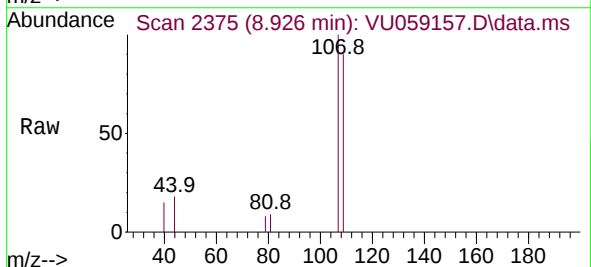
Acq: 05 Jun 2024 18:50

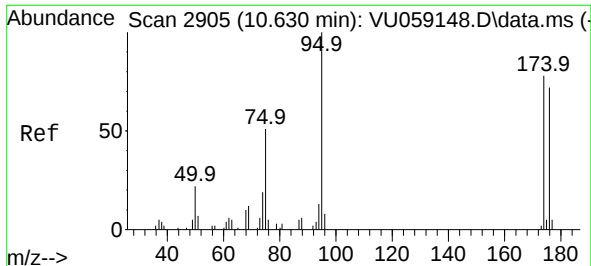
Tgt Ion:107 Resp: 2653

Ion Ratio Lower Upper

107 100

109 80.5 0.0 188.2





#57

4-Bromofluorobenzene

Concen: 0.901 ug/l

RT: 10.634 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

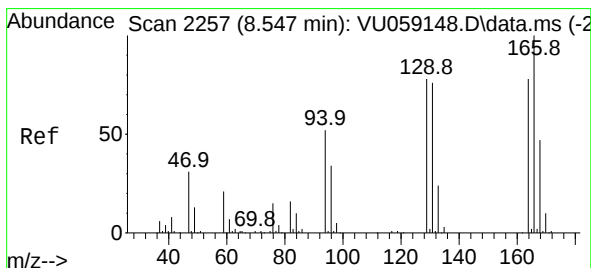
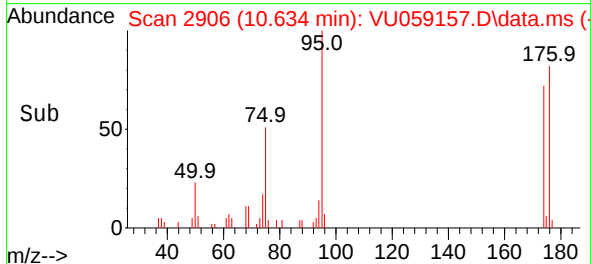
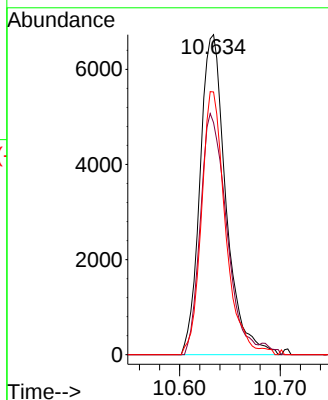
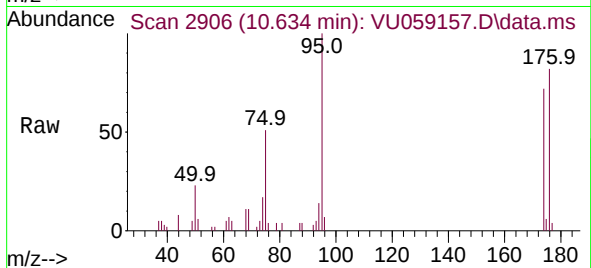
Tgt Ion: 95 Resp: 12050

Ion Ratio Lower Upper

95 100

174 76.1 59.6 89.4

176 76.3 57.3 85.9



#58

Tetrachloroethene

Concen: 0.330 ug/l

RT: 8.553 min Scan# 2259

Delta R.T. 0.006 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Tgt Ion: 164 Resp: 3281

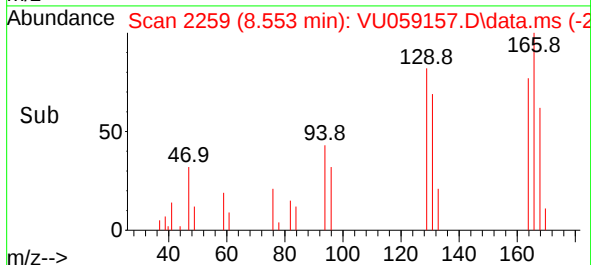
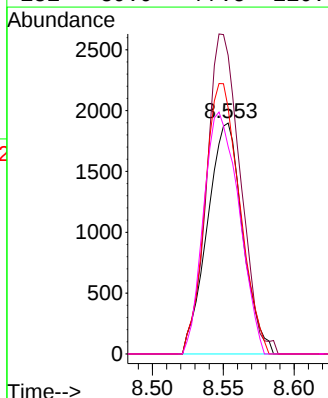
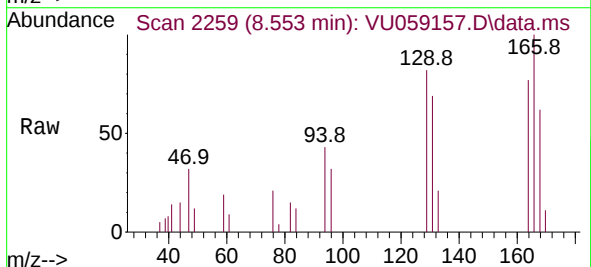
Ion Ratio Lower Upper

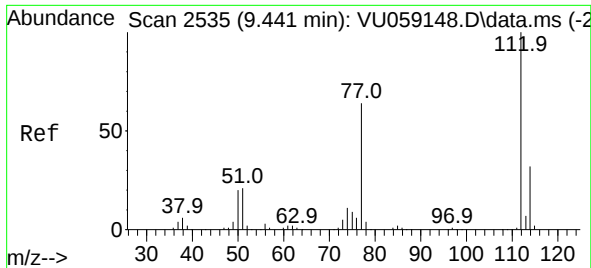
164 100

166 129.4 102.6 153.8

129 106.7 80.3 120.5

131 89.9 77.5 116.3





#59

Chlorobenzene

Concen: 0.321 ug/l

RT: 9.447 min Scan# 2535

Delta R.T. 0.006 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

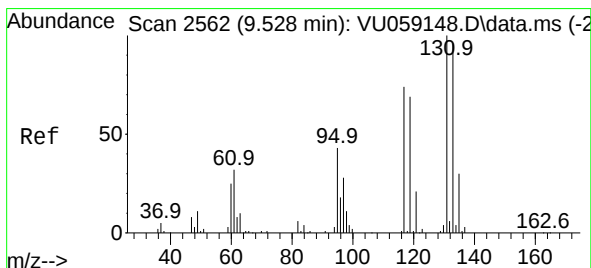
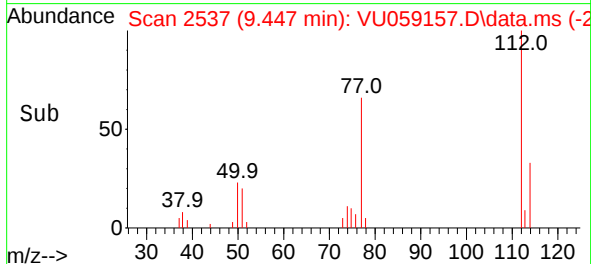
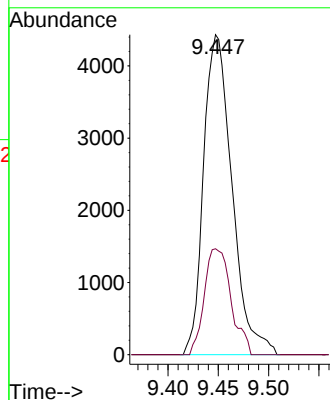
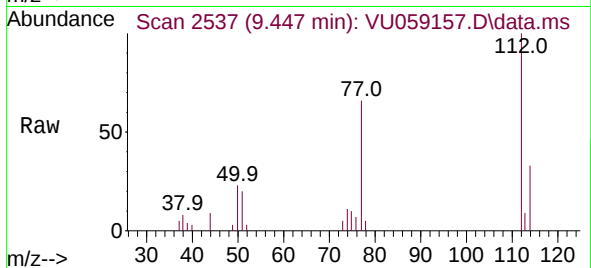
ClientSampleId :

Tgt Ion:112 Resp: 8735

Ion Ratio Lower Upper

112 100

114 33.1 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 0.329 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

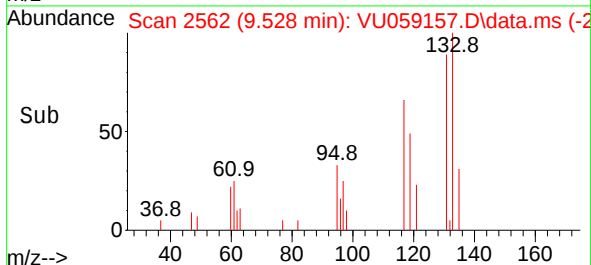
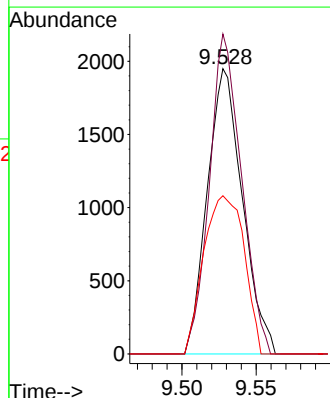
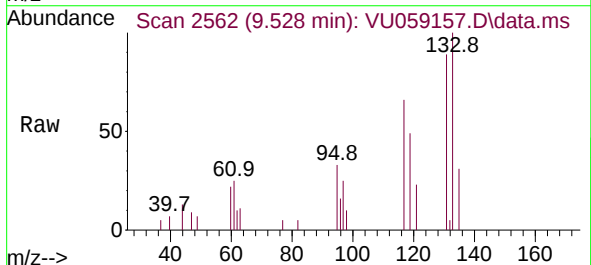
Tgt Ion:131 Resp: 3204

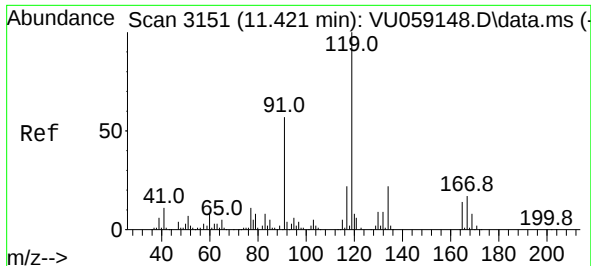
Ion Ratio Lower Upper

131 100

133 102.7 76.7 115.1

119 63.8 55.3 82.9

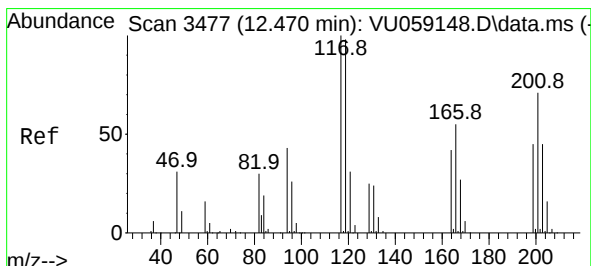
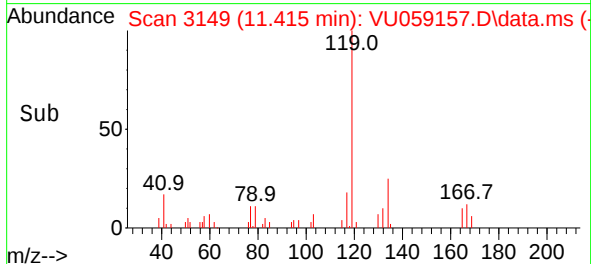
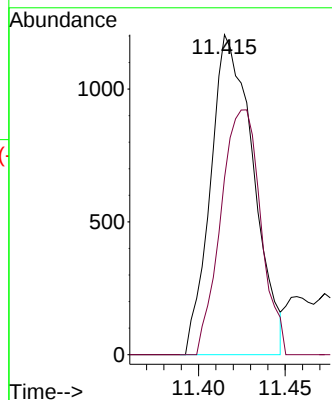
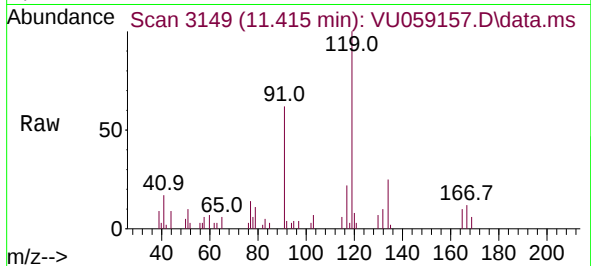




#61
Pentachloroethane
Concen: 0.274 ug/l
RT: 11.415 min Scan# 3151
Delta R.T. -0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

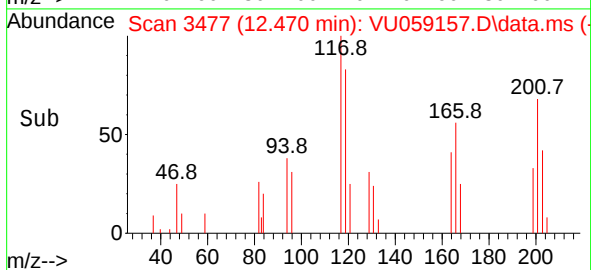
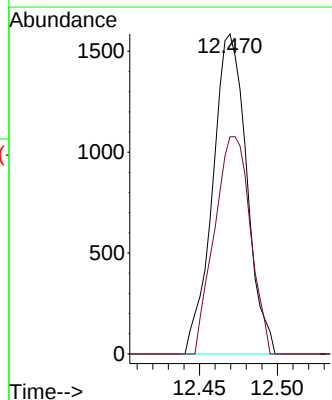
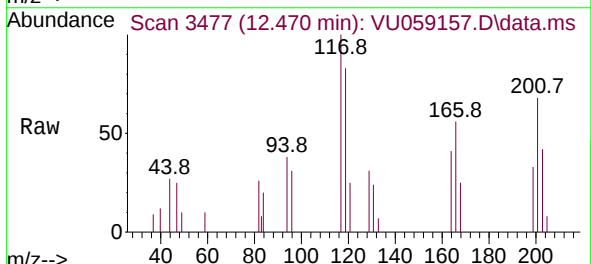
Instrument :
MSVOA_U
ClientSampleId :

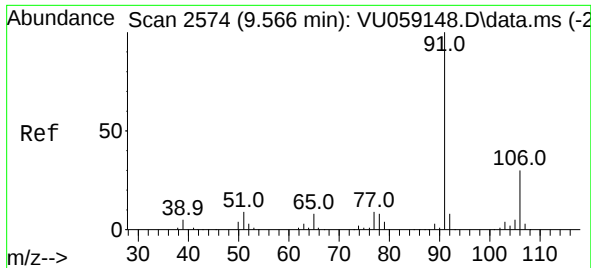
Tgt Ion:117 Resp: 2070
Ion Ratio Lower Upper
117 100
167 71.4 58.1 87.1



#62
Hexachloroethane
Concen: 0.314 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.000 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion:117 Resp: 2411
Ion Ratio Lower Upper
117 100
201 71.5 55.8 83.8





#63

Ethyl Benzene

Concen: 0.276 ug/l

RT: 9.569 min Scan# 2575

Delta R.T. 0.003 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

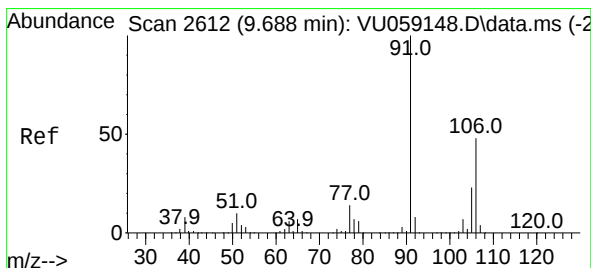
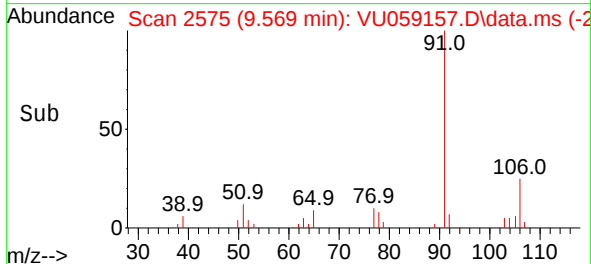
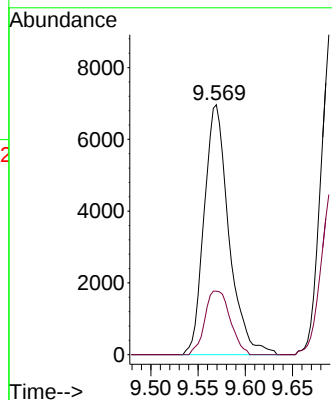
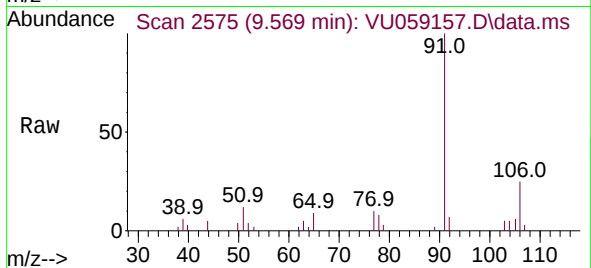
ClientSampleId :

Tgt Ion: 91 Resp: 12688

Ion Ratio Lower Upper

91 100

106 25.4 23.9 35.9



#64

m/p-Xylenes

Concen: 0.509 ug/l

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU059157.D

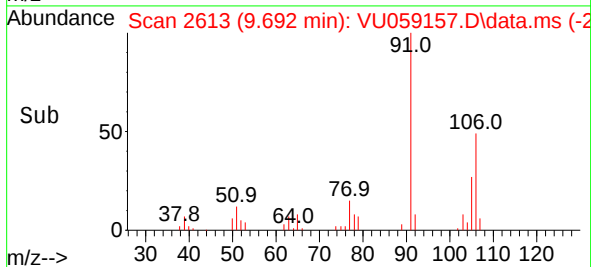
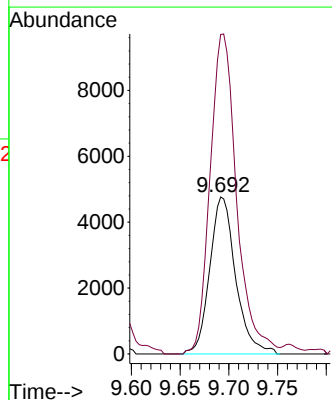
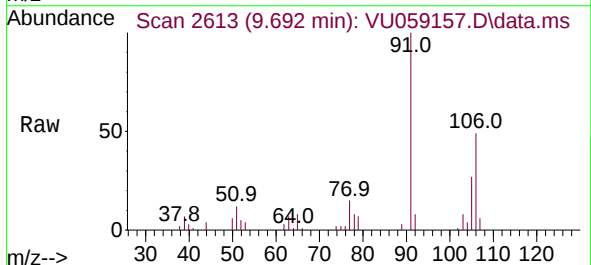
Acq: 05 Jun 2024 18:50

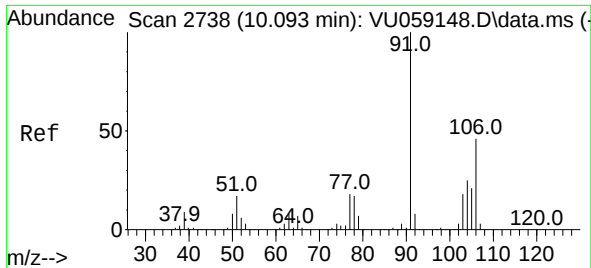
Tgt Ion:106 Resp: 8817

Ion Ratio Lower Upper

106 100

91 209.3 166.4 249.6

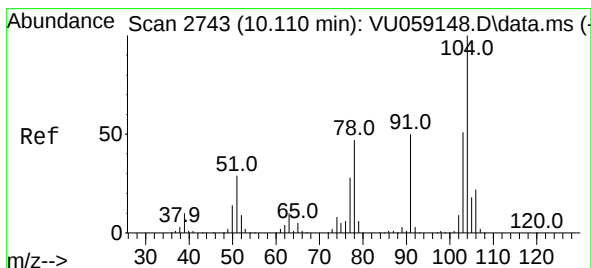
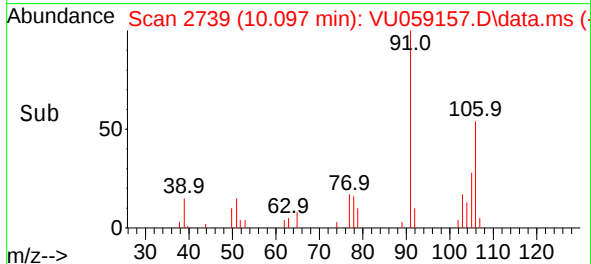
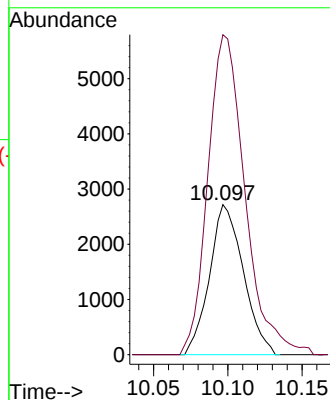
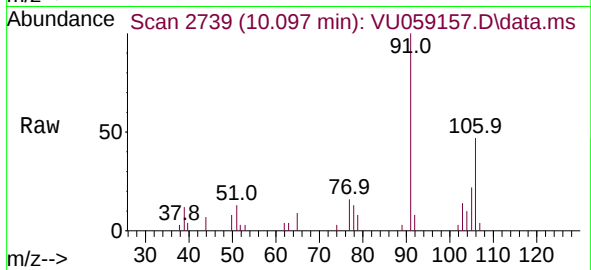




#65
o-Xylene
Concen: 0.252 ug/l
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

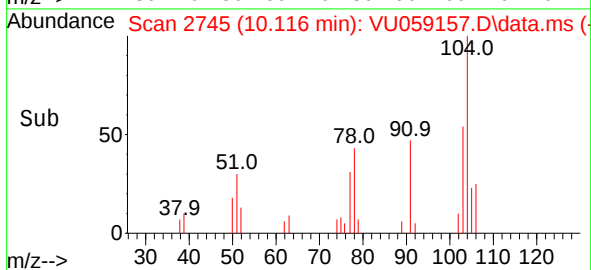
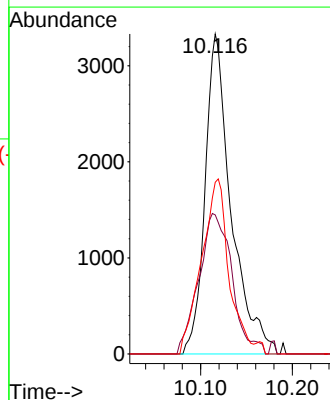
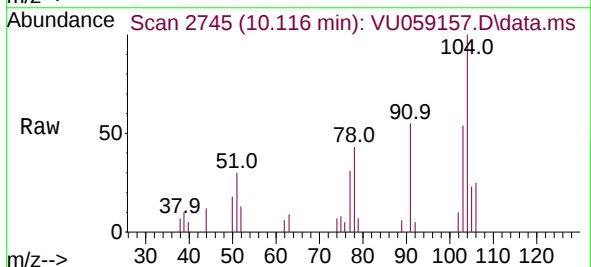
Instrument :
MSVOA_U
ClientSampleId :

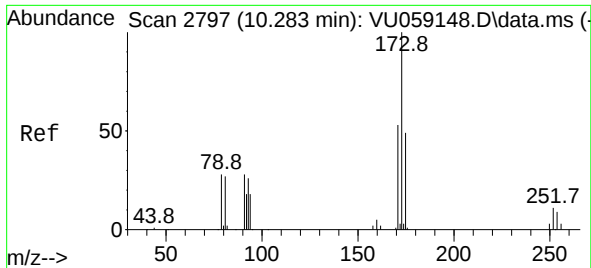
Tgt Ion:106 Resp: 4308
Ion Ratio Lower Upper
106 100
91 234.1 110.7 332.1



#66
Styrene
Concen: 0.241 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

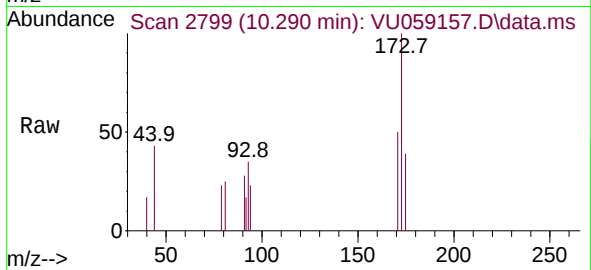
Tgt Ion:104 Resp: 6577
Ion Ratio Lower Upper
104 100
78 55.9 41.6 62.4
103 57.5 44.6 66.8



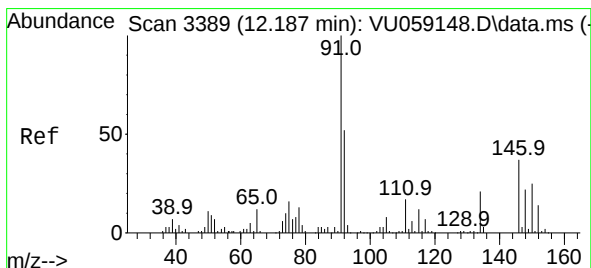
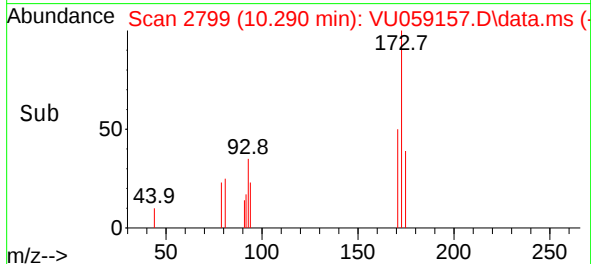
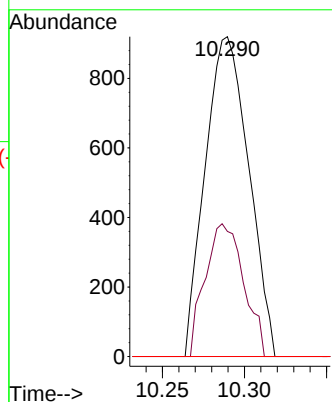


#67
Bromoform
Concen: 0.337 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Instrument :
MSVOA_U
ClientSampleId :

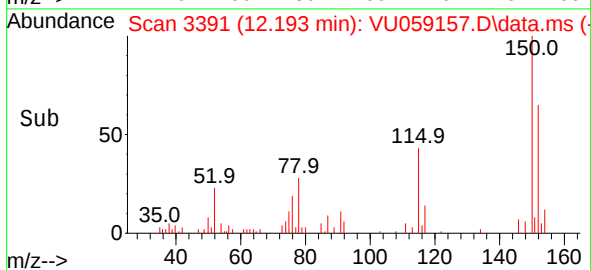
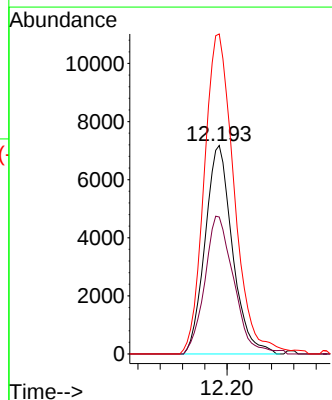
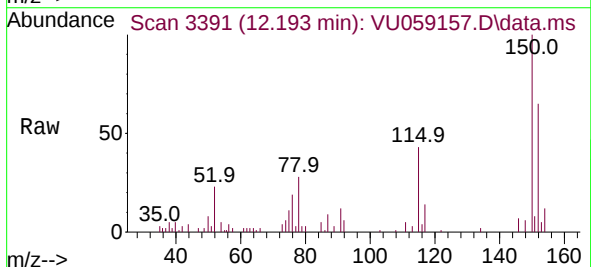


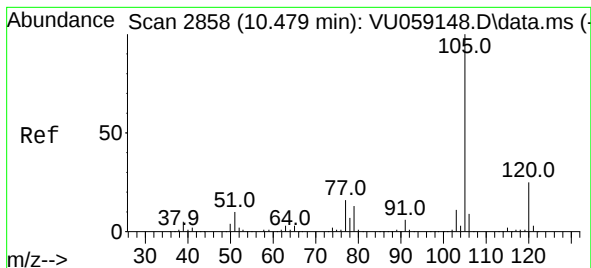
Tgt Ion	Ratio	Lower	Upper
173	100		
175	36.8	40.1	60.1#
254	0.0	7.0	10.4#



#68
1,2-Dichlorobenzene-d4
Concen: 0.874 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.006 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.2	0.0	293.2
150	168.5	0.0	636.0





#69

Isopropylbenzene

Concen: 0.266 ug/l

RT: 10.483 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

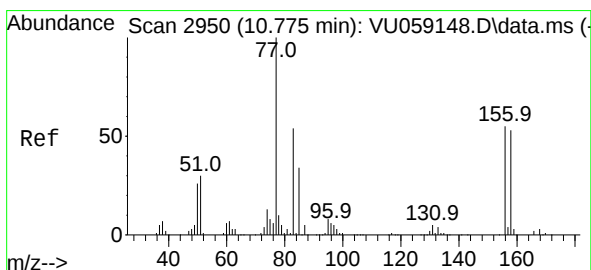
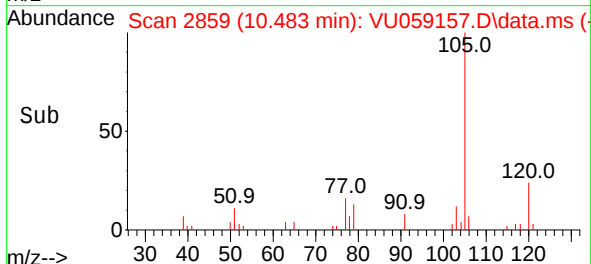
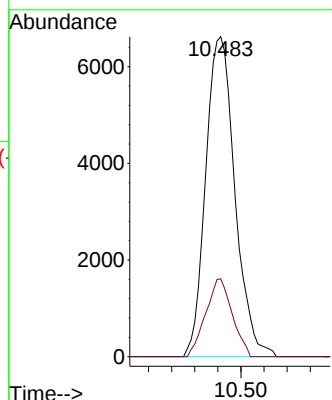
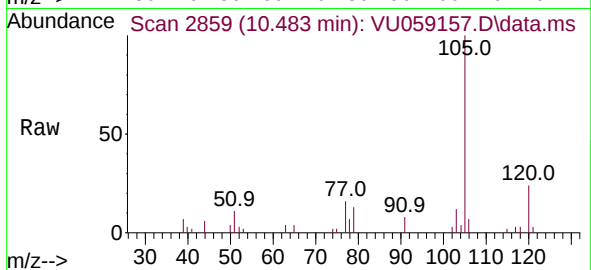
ClientSampleId :

Tgt Ion:105 Resp: 11634

Ion Ratio Lower Upper

105 100

120 22.0 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 0.344 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

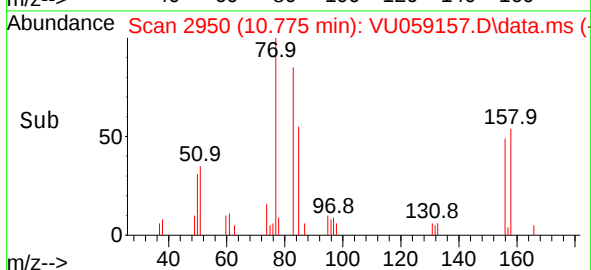
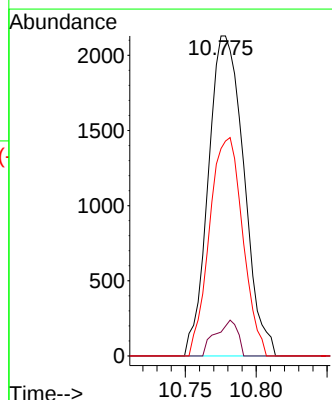
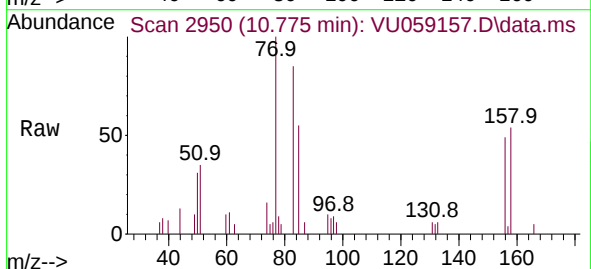
Tgt Ion: 83 Resp: 3710

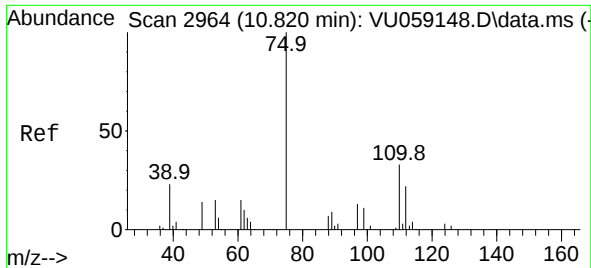
Ion Ratio Lower Upper

83 100

131 7.0 6.6 10.0

85 63.7 50.1 75.1

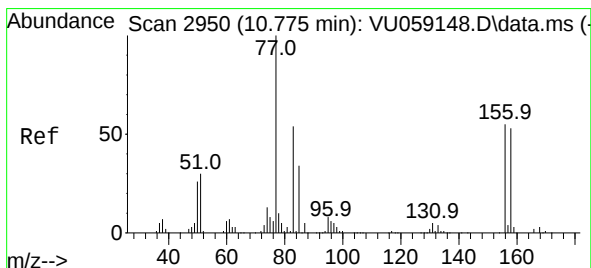
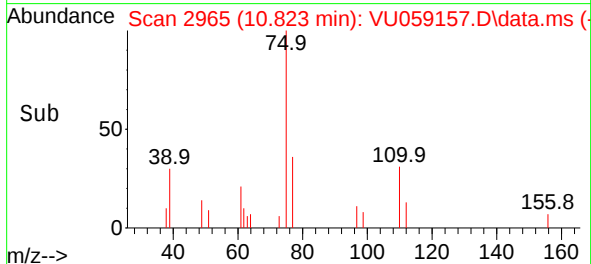
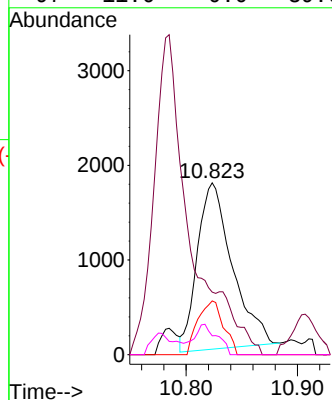
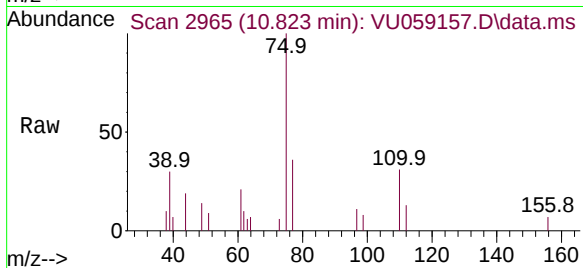




#71
1,2,3-Trichloropropane
Concen: 0.466 ug/l
RT: 10.823 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

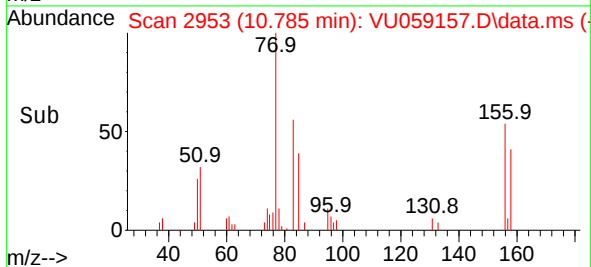
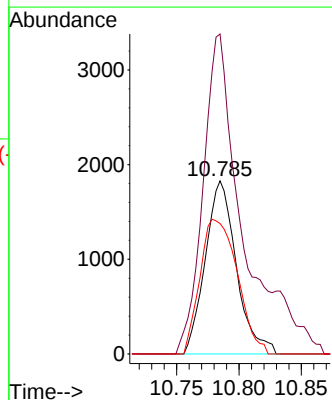
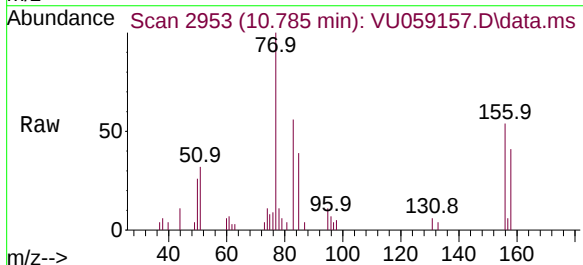
Instrument :
MSVOA_U
ClientSampleId :

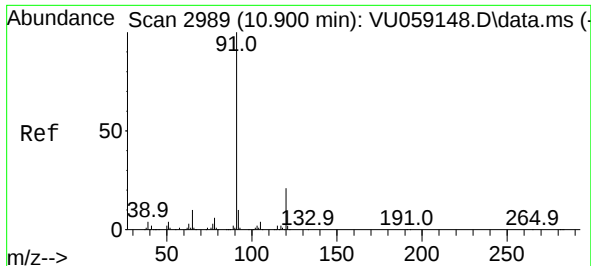
Tgt Ion: 75 Resp: 3838
Ion Ratio Lower Upper
75 100
77 17.3 0.0 0.0#
110 23.6 0.0 68.4
97 11.6 0.0 39.6



#72
Bromobenzene
Concen: 0.302 ug/l
RT: 10.785 min Scan# 2953
Delta R.T. 0.010 min
Lab File: VU059157.D
Acq: 05 Jun 2024 18:50

Tgt Ion:156 Resp: 3169
Ion Ratio Lower Upper
156 100
77 237.0 0.0 359.6
158 93.5 0.0 192.2





#73

n-propylbenzene

Concen: 0.251 ug/l

RT: 10.907 min Scan# 2991

Delta R.T. 0.006 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

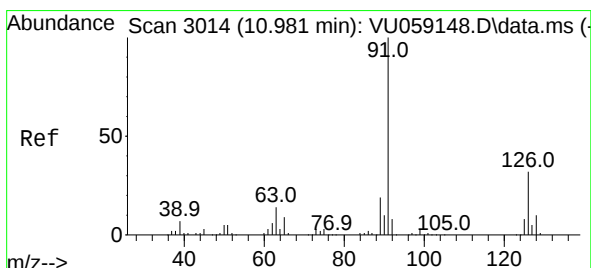
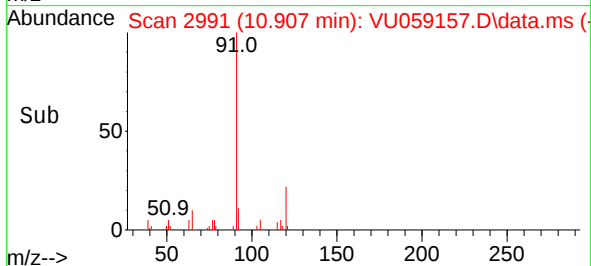
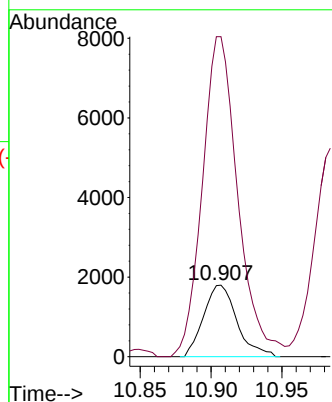
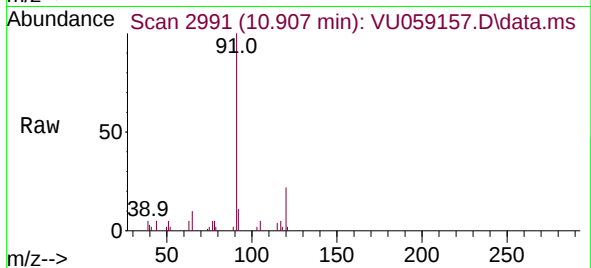
ClientSampleId :

Tgt Ion:120 Resp: 2935

Ion Ratio Lower Upper

120 100

91 476.5 378.6 567.8



#74

2-Chlorotoluene

Concen: 0.270 ug/l

RT: 10.984 min Scan# 3015

Delta R.T. 0.003 min

Lab File: VU059157.D

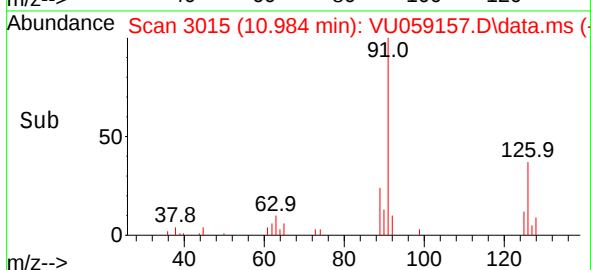
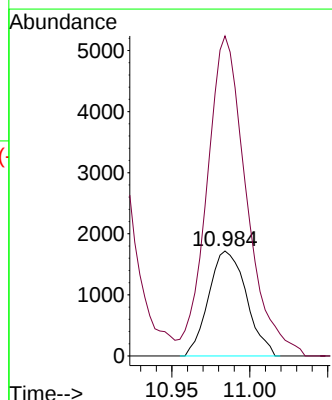
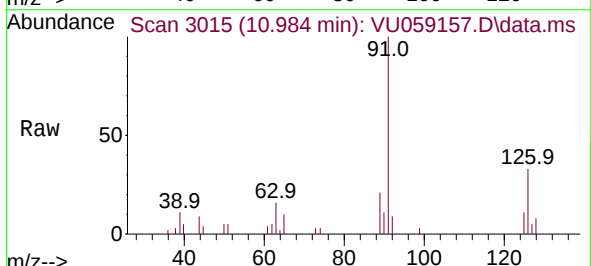
Acq: 05 Jun 2024 18:50

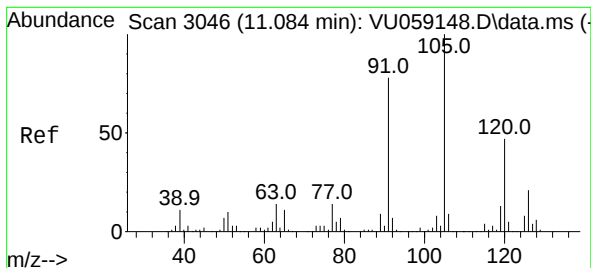
Tgt Ion:126 Resp: 2888

Ion Ratio Lower Upper

126 100

91 319.5 0.0 627.0





#75

1,3,5-Trimethylbenzene

Concen: 0.248 ug/l

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

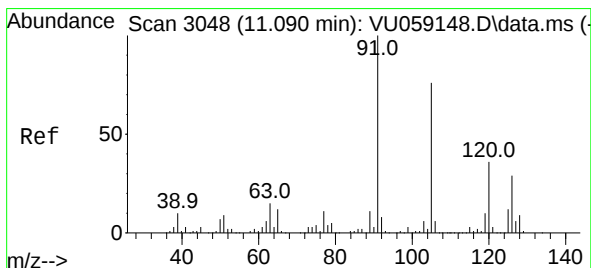
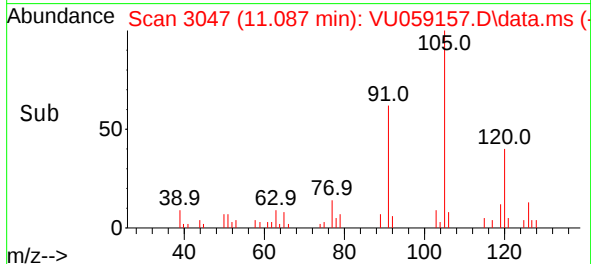
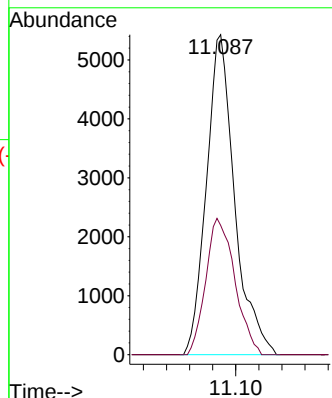
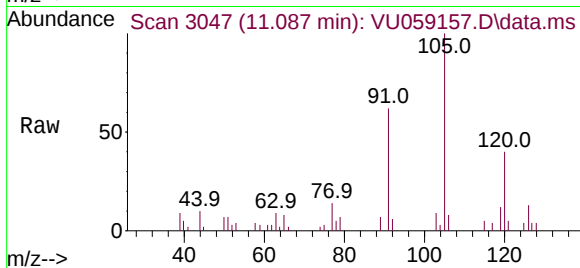
ClientSampleId :

Tgt Ion:105 Resp: 9200

Ion Ratio Lower Upper

105 100

120 43.9 37.5 56.3



#76

4-Chlorotoluene

Concen: 0.274 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.006 min

Lab File: VU059157.D

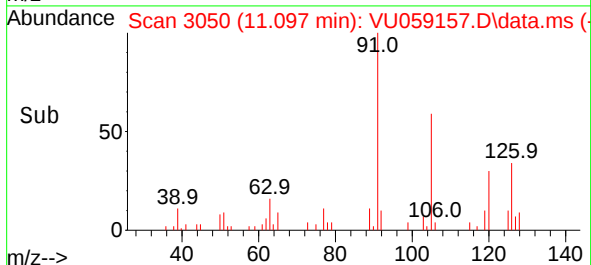
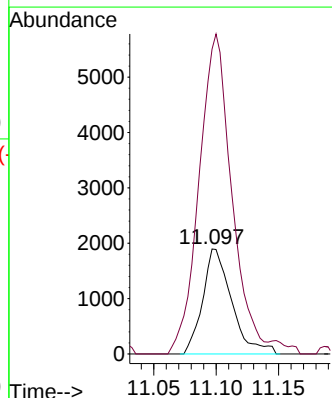
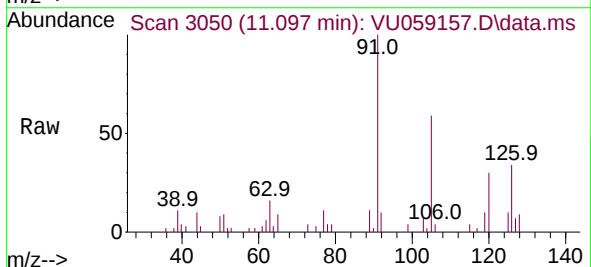
Acq: 05 Jun 2024 18:50

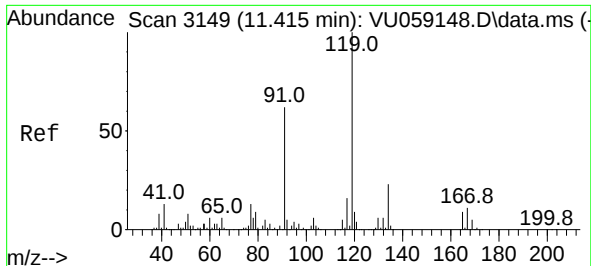
Tgt Ion:126 Resp: 3068

Ion Ratio Lower Upper

126 100

91 341.9 0.0 704.4





#77

tert-Butylbenzene

Concen: 0.262 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. -0.000 min MSVOA_U

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

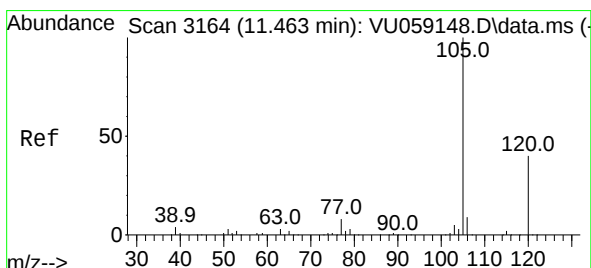
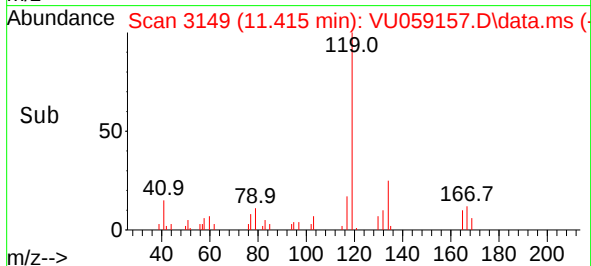
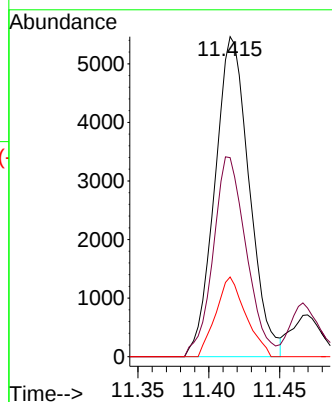
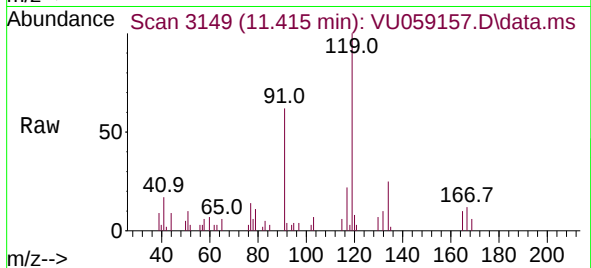
Tgt Ion:119 Resp: 9228

Ion Ratio Lower Upper

119 100

91 60.0 30.7 92.1

134 21.6 17.7 26.5



#78

1,2,4-Trimethylbenzene

Concen: 0.230 ug/l

RT: 11.470 min Scan# 3166

Delta R.T. 0.006 min

Lab File: VU059157.D

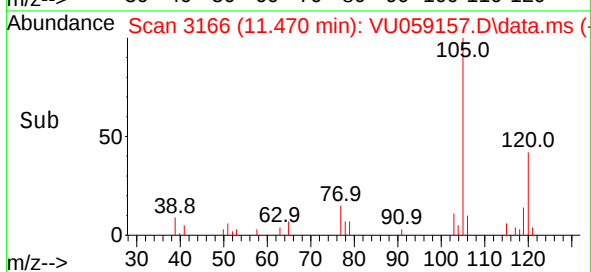
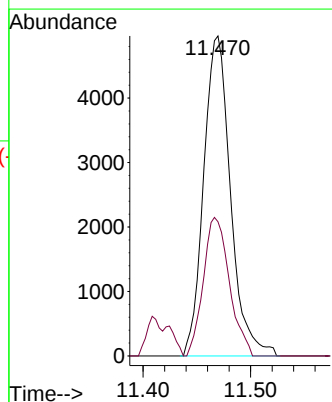
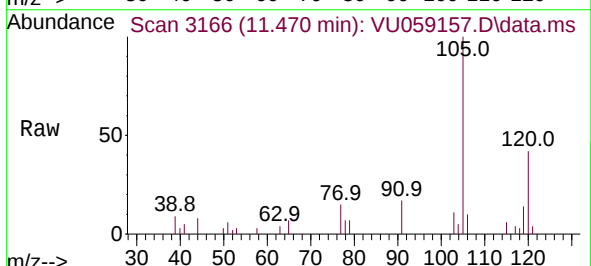
Acq: 05 Jun 2024 18:50

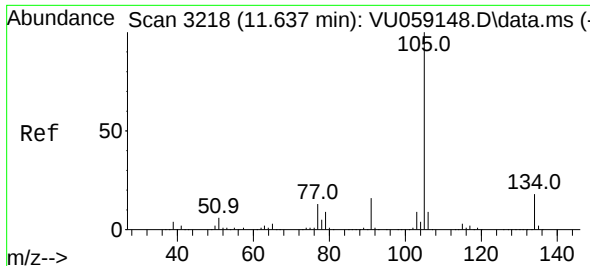
Tgt Ion:105 Resp: 8603

Ion Ratio Lower Upper

105 100

120 42.0 21.7 65.1





#79

sec-Butylbenzene

Concen: 0.239 ug/l

RT: 11.643 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

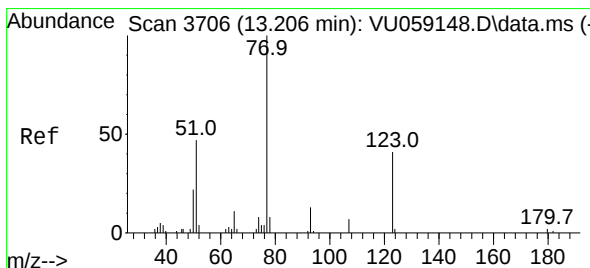
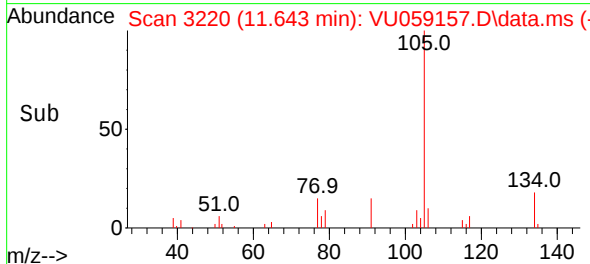
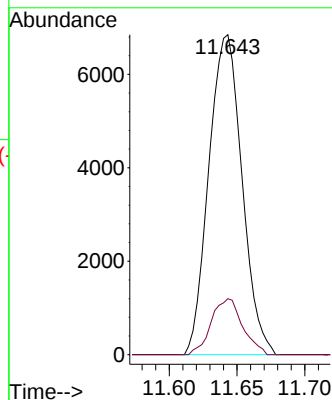
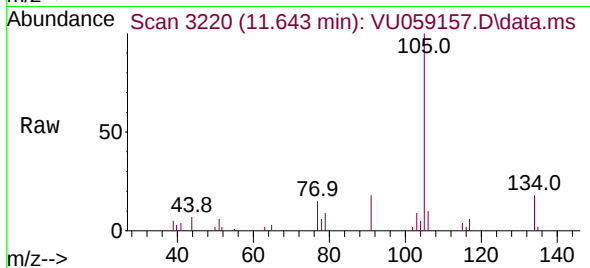
ClientSampleId :

Tgt Ion:105 Resp: 11667

Ion Ratio Lower Upper

105 100

134 16.5 14.5 21.7



#80

Nitrobenzene

Concen: 0.831 ug/l

RT: 13.244 min Scan# 3718

Delta R.T. 0.039 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

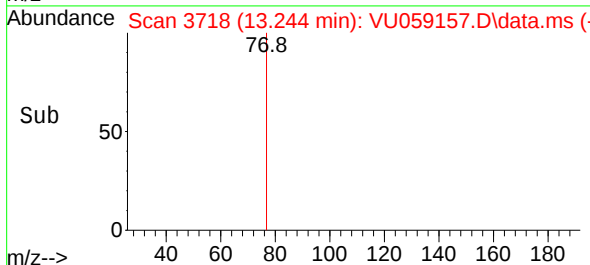
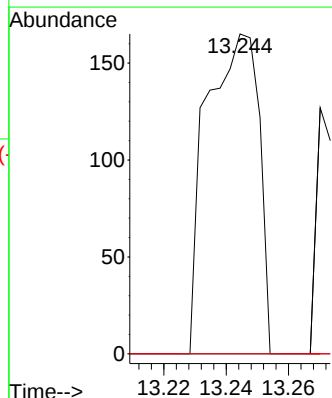
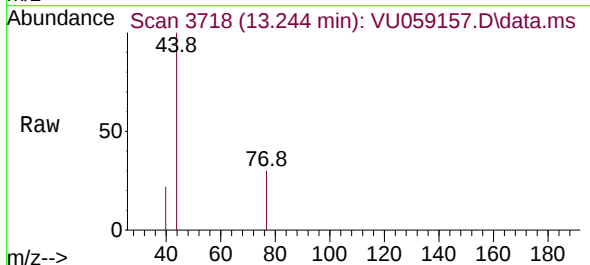
Tgt Ion: 77 Resp: 192

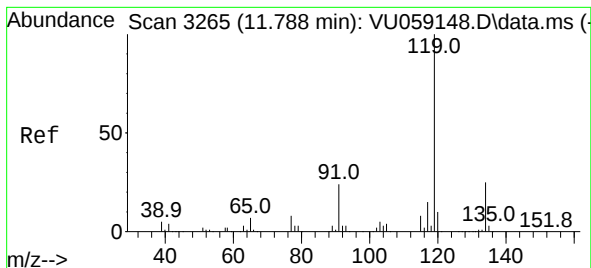
Ion Ratio Lower Upper

77 100

123 0.0 18.3 64.7#

65 0.0 10.6 13.4#





#81

p-Isopropyltoluene

Concen: 0.228 ug/l

RT: 11.791 min Scan# 3266

Delta R.T. 0.003 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

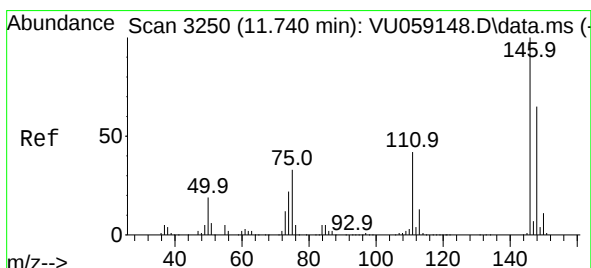
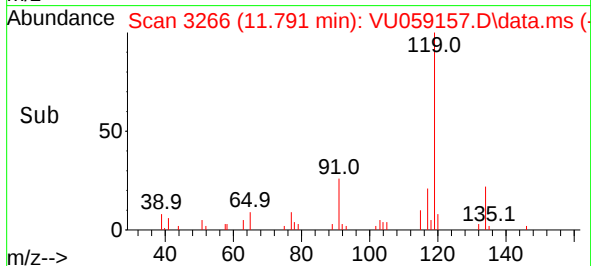
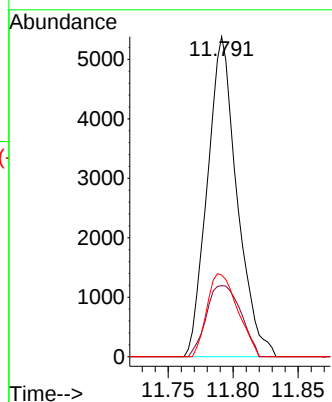
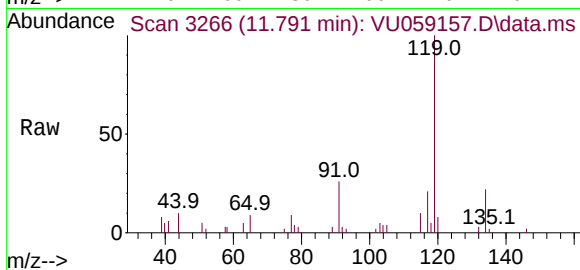
Tgt Ion:119 Resp: 8538

Ion Ratio Lower Upper

119 100

134 25.9 20.2 30.4

91 26.7 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 0.292 ug/l

RT: 11.746 min Scan# 3252

Delta R.T. 0.006 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

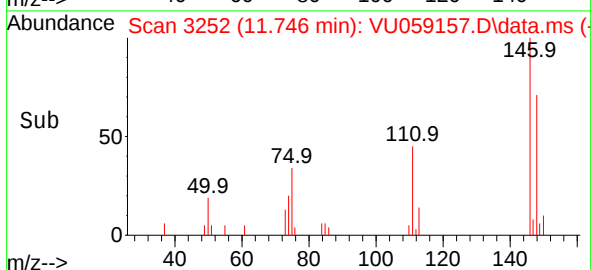
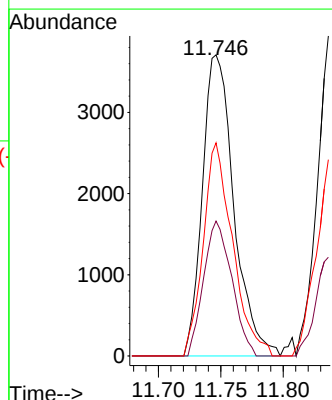
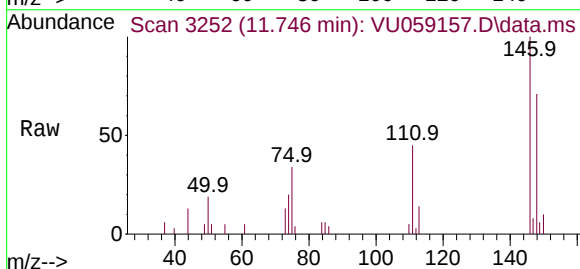
Tgt Ion:146 Resp: 6504

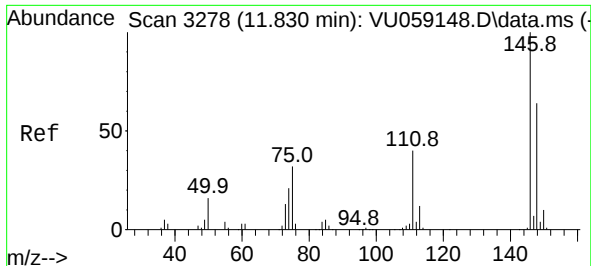
Ion Ratio Lower Upper

146 100

111 40.1 33.4 50.0

148 66.3 51.2 76.8





#83

1,4-Dichlorobenzene

Concen: 0.292 ug/l

RT: 11.746 min Scan# 31

Delta R.T. -0.084 min

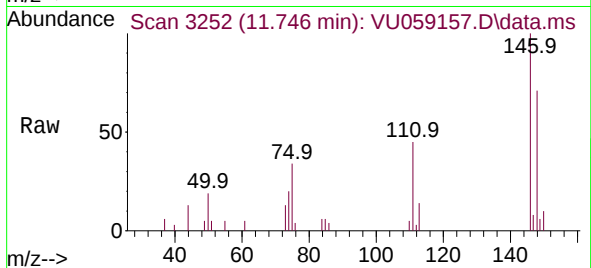
Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :



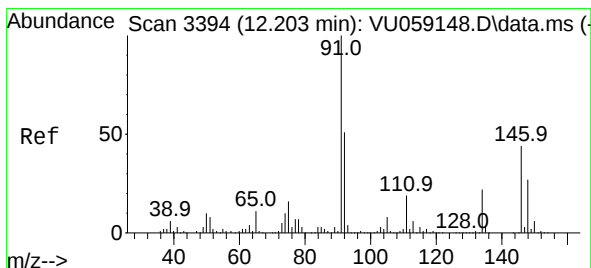
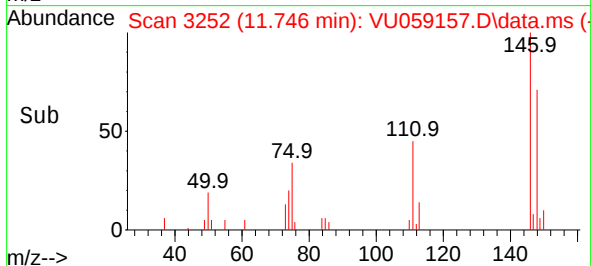
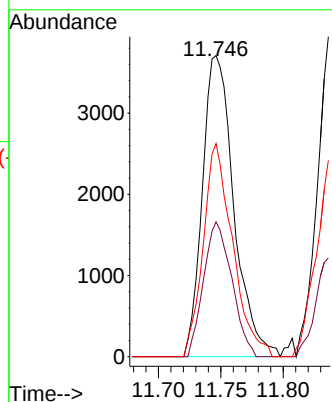
Tgt Ion:146 Resp: 6504

Ion Ratio Lower Upper

146 100

111 40.1 32.1 48.1

148 66.3 51.2 76.8



#84

n-Butylbenzene

Concen: 0.251 ug/l

RT: 12.212 min Scan# 3397

Delta R.T. 0.010 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

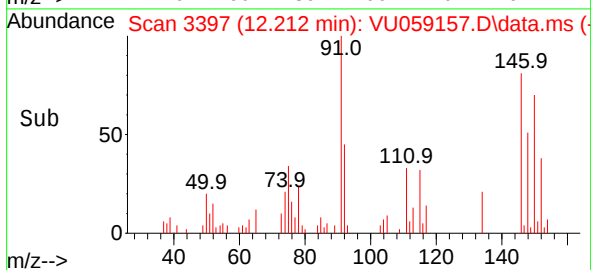
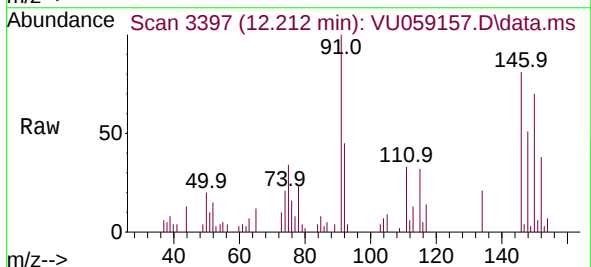
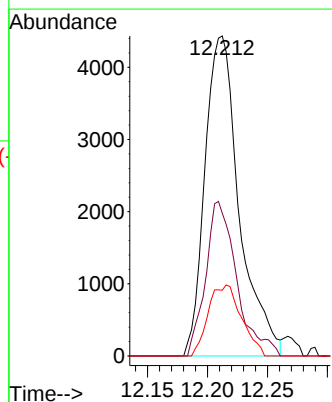
Tgt Ion: 91 Resp: 8830

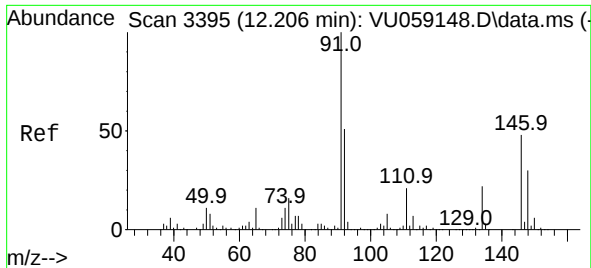
Ion Ratio Lower Upper

91 100

92 43.7 40.7 61.1

134 21.4 17.6 26.4





#85

1,2-Dichlorobenzene

Concen: 0.304 ug/l

RT: 12.212 min Scan# 3412

Delta R.T. 0.006 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

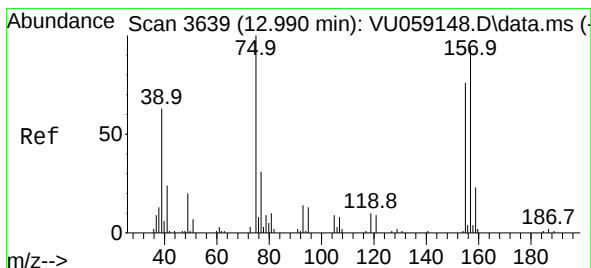
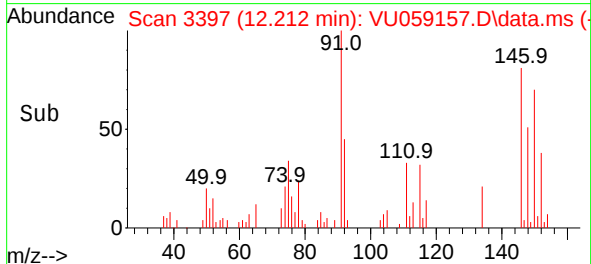
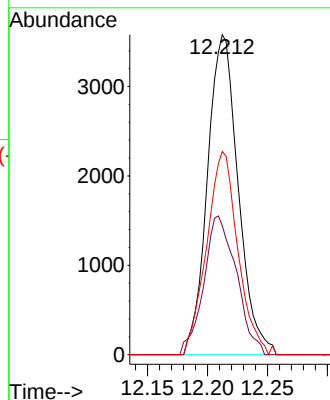
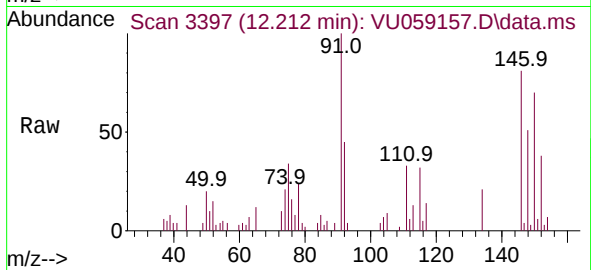
Tgt Ion:146 Resp: 6380

Ion Ratio Lower Upper

146 100

111 46.0 21.8 65.3

148 64.7 31.3 93.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.249 ug/l

RT: 13.000 min Scan# 3642

Delta R.T. 0.010 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

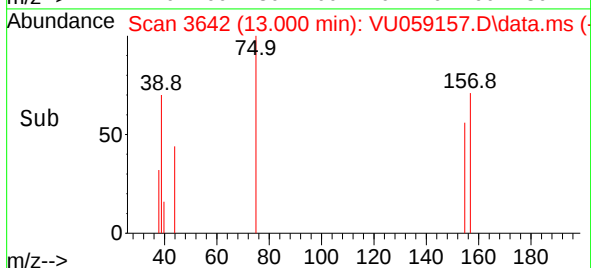
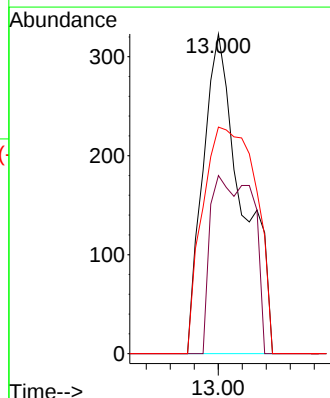
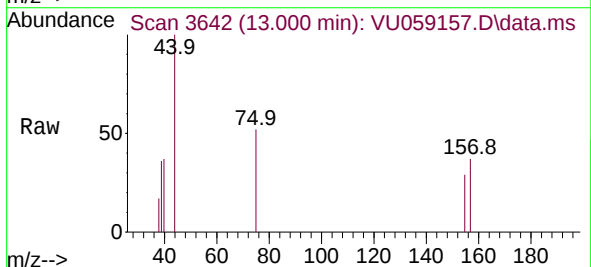
Tgt Ion: 75 Resp: 365

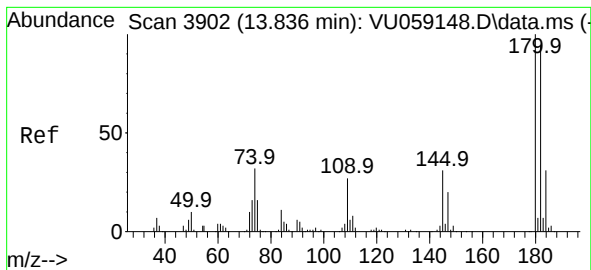
Ion Ratio Lower Upper

75 100

155 34.8 61.2 91.8#

157 96.7 75.8 113.6





#87

1,2,4-Trichlorobenzene

Concen: 0.328 ug/l

RT: 13.842 min Scan# 3904

Delta R.T. 0.006 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

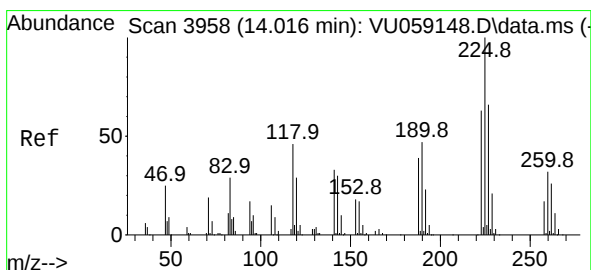
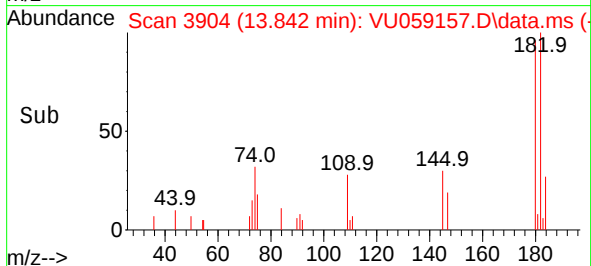
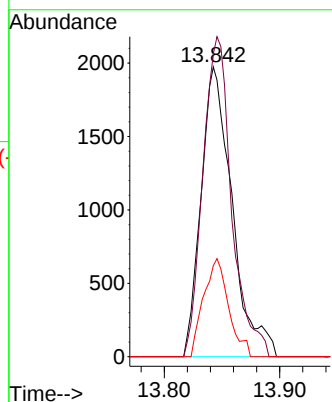
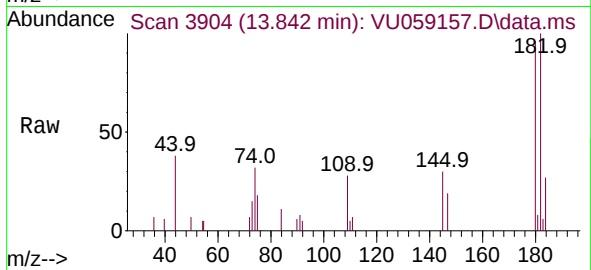
Tgt Ion:180 Resp: 3685

Ion Ratio Lower Upper

180 100

182 102.3 75.7 113.5

145 27.3 24.6 36.8



#88

Hexachlorobutadiene

Concen: 0.306 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.003 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

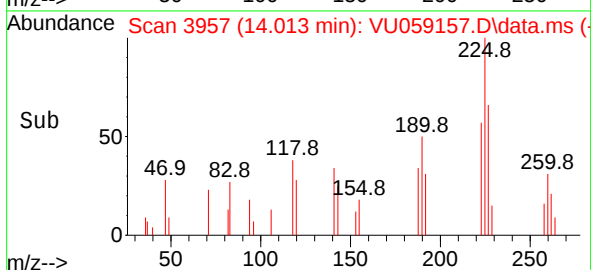
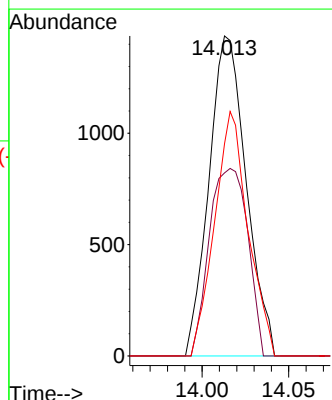
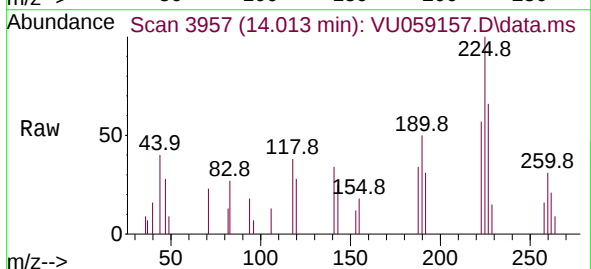
Tgt Ion:225 Resp: 2145

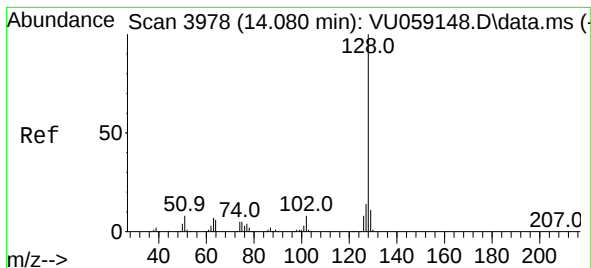
Ion Ratio Lower Upper

225 100

223 60.7 50.0 75.0

227 68.8 51.8 77.8





#89

Naphthalene

Concen: 0.398 ug/l

RT: 14.097 min Scan# 3978

Delta R.T. 0.016 min

Lab File: VU059157.D

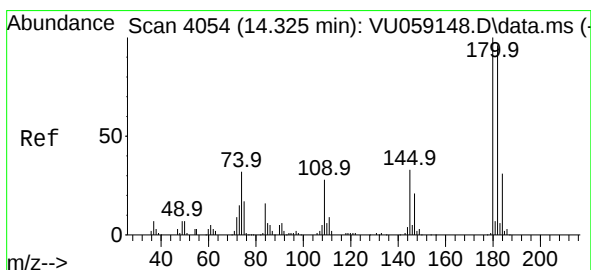
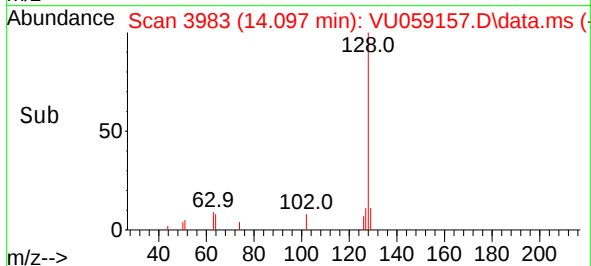
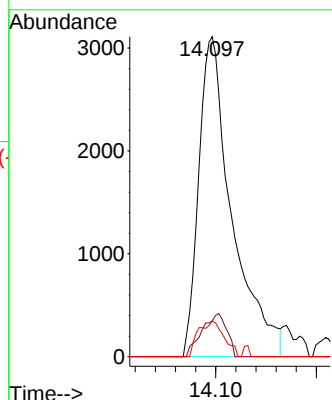
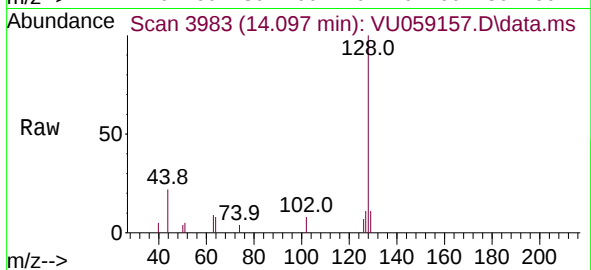
Acq: 05 Jun 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	7108
Ion Ratio	Lower	Upper
128	100	
127	10.1	10.7 16.1#
129	8.6	8.4 12.6



#90

1,2,3-Trichlorobenzene

Concen: 0.368 ug/l

RT: 14.331 min Scan# 4056

Delta R.T. 0.006 min

Lab File: VU059157.D

Acq: 05 Jun 2024 18:50

Tgt Ion:180	Resp:	3765
Ion Ratio	Lower	Upper
180	100	
182	90.1	76.3 114.5
145	34.5	26.5 39.7

