

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
 Data File : VU060353.D
 Acq On : 08 Aug 2024 12:49
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 23:26:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:23:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	129303	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	131344	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75011	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	212156	22.950	ug/L	0.00
7) Chloroethane-d5	1.911	69	191362	22.349	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	89160	24.234	ug/L	0.00
20) 2-Butanone-d5	4.627	46	501814	237.045	ug/L	0.00
24) Chloroform-d	5.052	84	420816	21.872	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	190517	21.457	ug/L	0.00
32) Benzene-d6	5.721	84	865208	24.156	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	270874	23.772	ug/L	0.00
41) Toluene-d8	7.891	98	815112	25.012	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	94678	24.617	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	463775	266.657	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	215444	21.488	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	299910	21.925	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	147691	15.996	ug/L	99
3) Chloromethane	1.518	50	175188	15.513	ug/L	98
5) Vinyl chloride	1.602	62	210002	16.546	ug/L	97
6) Bromomethane	1.856	94	145393	17.294	ug/L	98
8) Chloroethane	1.930	64	136807	16.353	ug/L	99
9) Trichlorofluoromethane	2.132	101	300340	18.474	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	196129	18.427	ug/L	99
12) 1,1-Dichloroethene	2.573	96	175812	18.186	ug/L	96
13) Acetone	2.647	43	333651	231.899	ug/L	99
14) Carbon disulfide	2.788	76	445586	16.271	ug/L	100
15) Methyl Acetate	2.952	43	66731	20.001	ug/L	93
16) Methylene chloride	3.039	84	203027	17.131	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	451357	20.285	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	181517	18.152	ug/L	100
19) 1,1-Dichloroethane	3.859	63	360165	18.815	ug/L	98
21) 2-Butanone	4.708	43	504623	227.018	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	223844	19.866	ug/L	96
23) Bromochloromethane	4.965	128	98180	17.906	ug/L	93
25) Chloroform	5.078	83	383116	18.151	ug/L	99
27) 1,2-Dichloroethane	5.785	62	208756	17.404	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	310328	19.265	ug/L	100
30) Cyclohexane	5.380	56	288966	22.628	ug/L	99
31) Carbon tetrachloride	5.518	117	270238	19.399	ug/L	99
33) Benzene	5.766	78	835773	19.686	ug/L	100
34) Trichloroethene	6.534	95	215911	19.106	ug/L	97
35) Methylcyclohexane	6.756	83	327334	22.357	ug/L	95
37) 1,2-Dichloropropane	6.782	63	225594	19.466	ug/L	99
38) Bromodichloromethane	7.097	83	271298	18.725	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	332685	21.969	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	1141059	219.572	ug/L	98
42) Toluene	7.962	91	921097	20.393	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	269665	21.187	ug/L	93

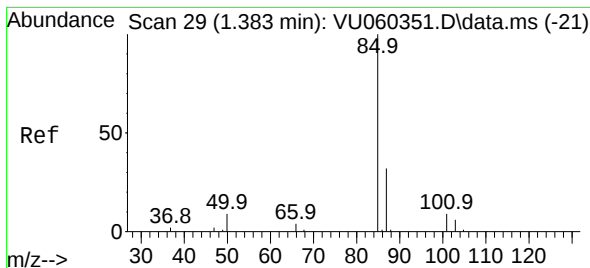
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	164573	18.636	ug/L	98
47) Tetrachloroethene	8.547	164	168144	18.301	ug/L	98
48) 2-Hexanone	8.679	43	887524	229.790	ug/L	98
49) Dibromochloromethane	8.804	129	186526	19.161	ug/L	97
50) 1,2-Dibromoethane	8.917	107	150180	18.805	ug/L	99
51) Chlorobenzene	9.441	112	590769	19.931	ug/L	97
52) Ethylbenzene	9.563	91	1020621	22.524	ug/L	100
53) m,p-Xylene	9.688	106	392212	22.391	ug/L	100
54) o-Xylene	10.094	106	384727	22.945	ug/L	99
55) Styrene	10.106	104	676156	23.675	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	211116	19.420	ug/L	98
59) Bromoform	10.283	173	114396	17.029	ug/L	99
60) Isopropylbenzene	10.476	105	1042222	21.529	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	139686	17.734	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	872443	23.496	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	875379	24.298	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	497224	19.223	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	495463	18.683	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	462188	18.632	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	29987	19.454	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	389028	19.941	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	327801	21.857	ug/L	100
71) Naphthalene	14.077	128	542681	25.243	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	291536	21.683	ug/L	98

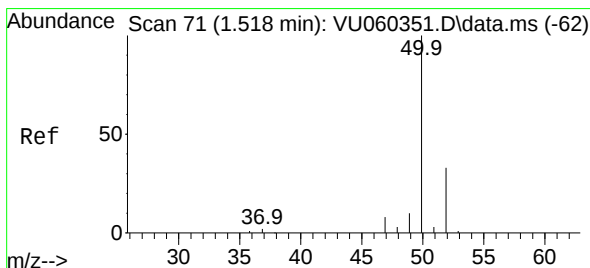
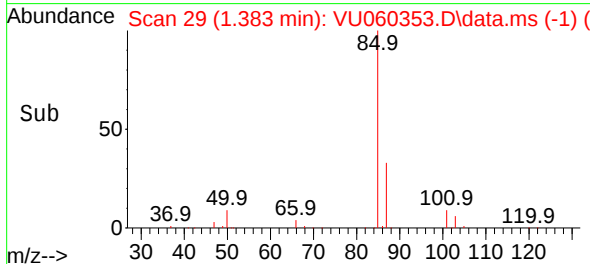
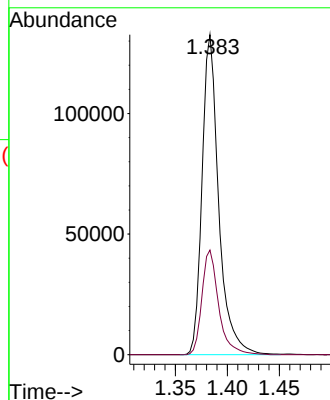
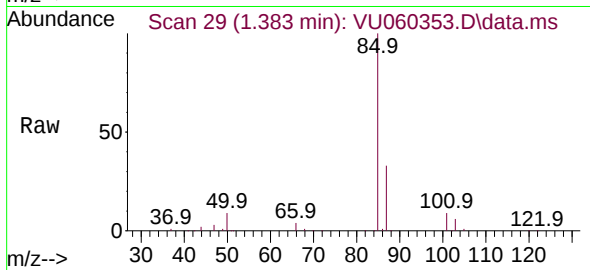
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 15.996 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060353.D
 Acq: 08 Aug 2024 12:49

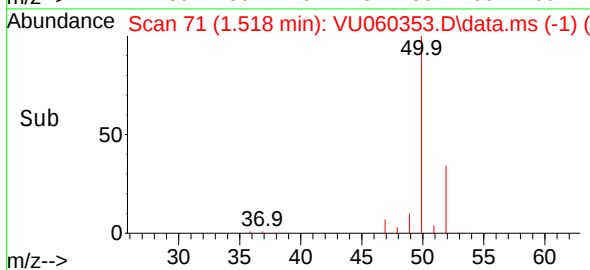
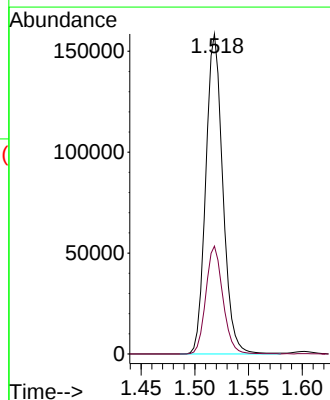
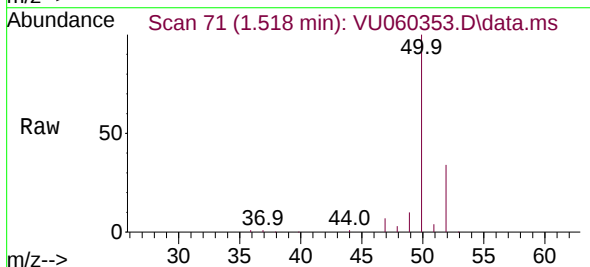
Instrument :
 MSVOA_U
 ClientSampleId :

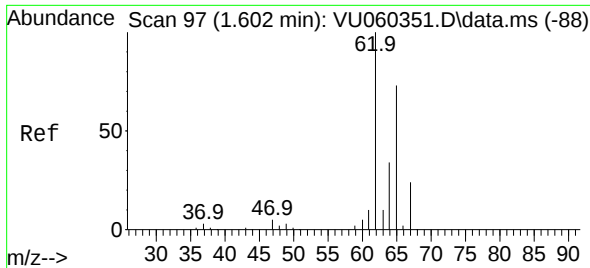
Tgt Ion: 85 Resp: 147691
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.7 38.5



#3
 Chloromethane
 Concen: 15.513 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU060353.D
 Acq: 08 Aug 2024 12:49

Tgt Ion: 50 Resp: 175188
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.8 42.4

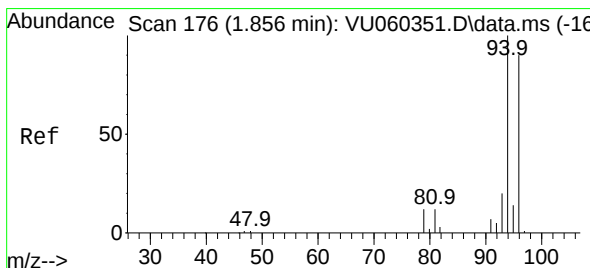
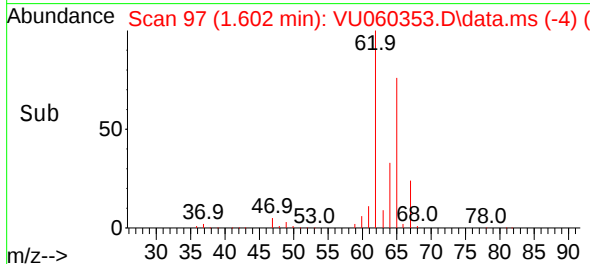
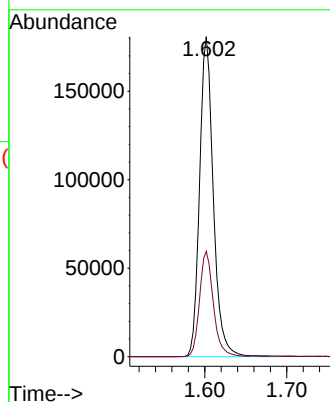
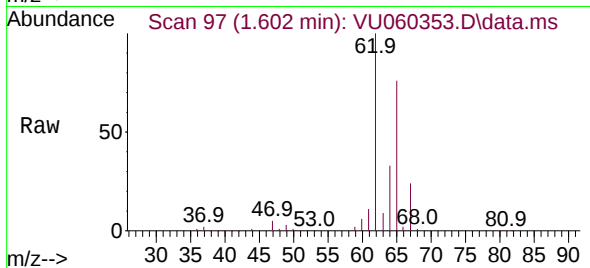




#5
 Vinyl chloride
 Concen: 16.546 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. -0.000 min
 Lab File: VU060353.D
 Acq: 08 Aug 2024 12:49

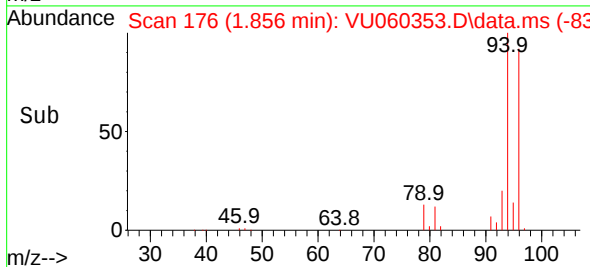
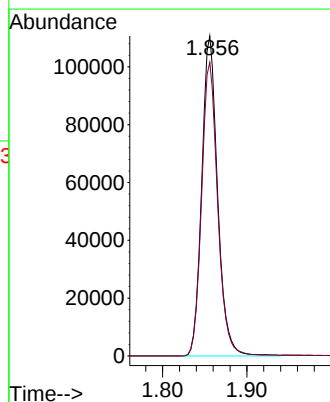
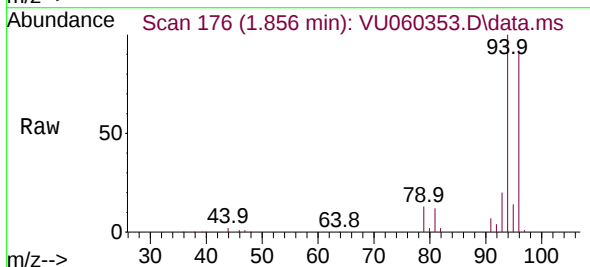
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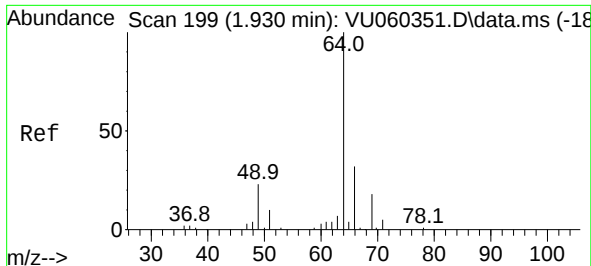
Tgt Ion: 62 Resp: 210002
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.1 44.7



#6
 Bromomethane
 Concen: 17.294 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU060353.D
 Acq: 08 Aug 2024 12:49

Tgt Ion: 94 Resp: 145393
 Ion Ratio Lower Upper
 94 100
 96 91.8 63.2 117.4

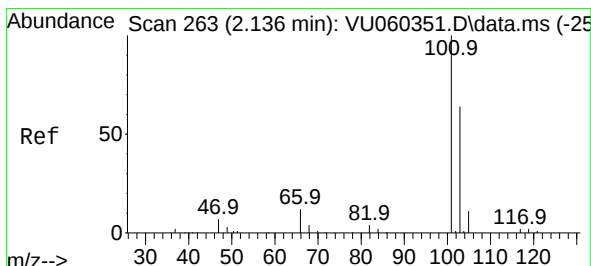
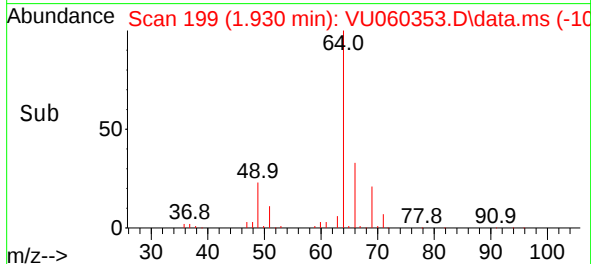
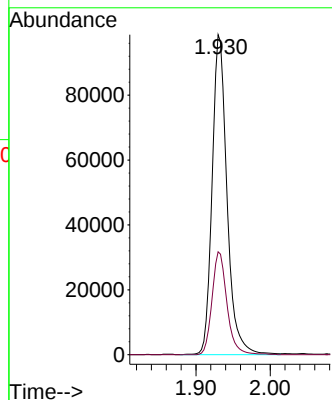
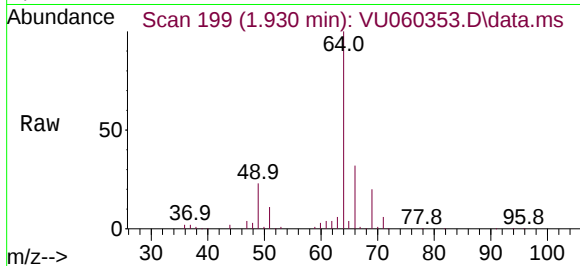




#8
Chloroethane
Concen: 16.353 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

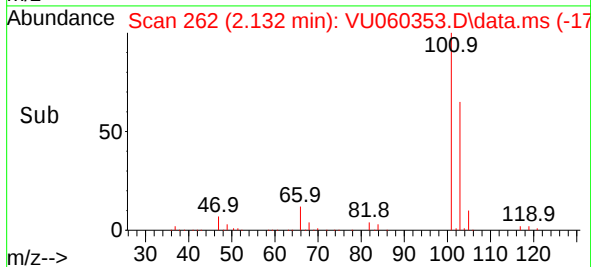
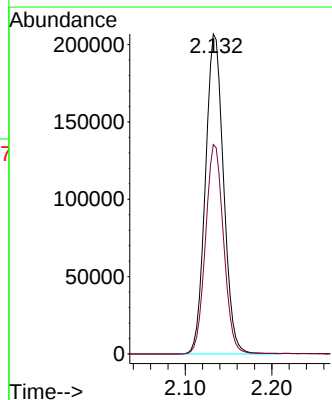
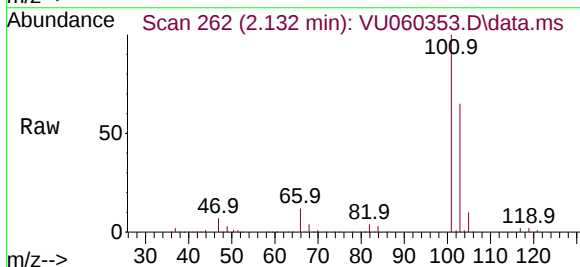
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ClientSampleId :

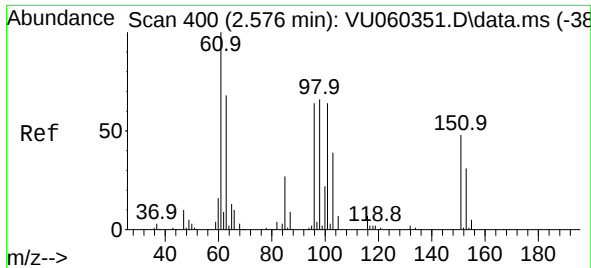
Tgt Ion: 64 Resp: 136807
Ion Ratio Lower Upper
64 100
66 32.2 22.2 41.2



#9
Trichlorofluoromethane
Concen: 18.474 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

Tgt Ion:101 Resp: 300340
Ion Ratio Lower Upper
101 100
103 65.4 51.7 77.5

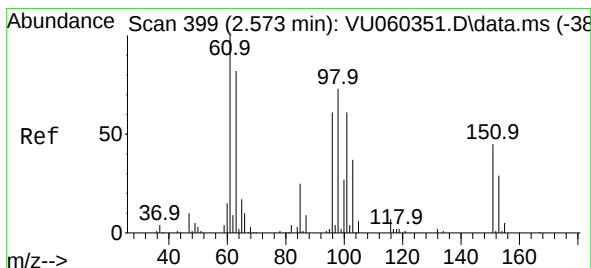
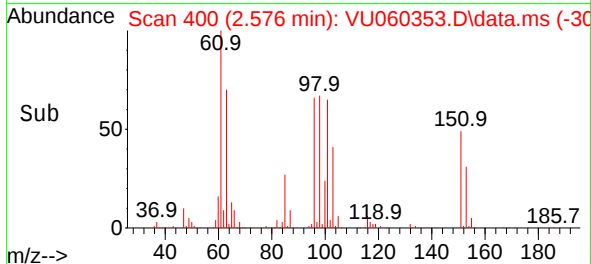
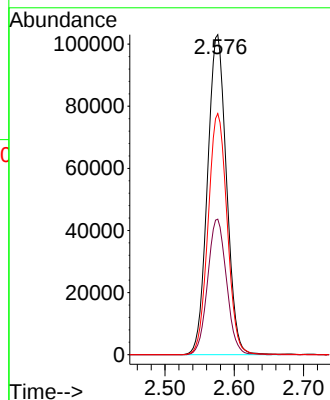
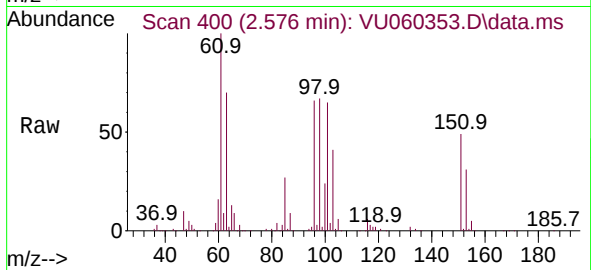




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.427 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060353.D
 Acq: 08 Aug 2024 12:49

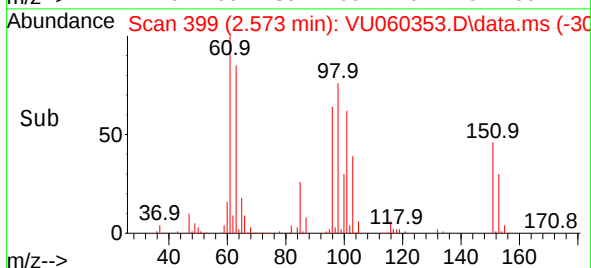
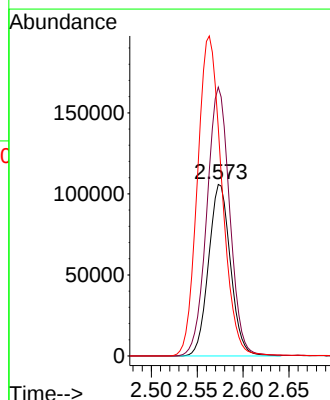
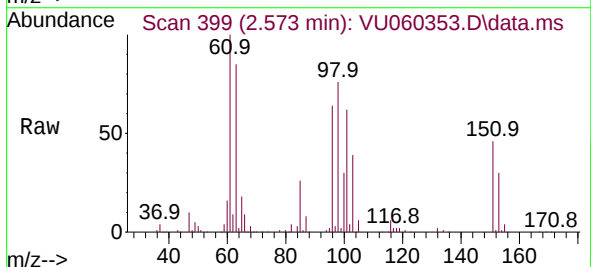
Instrument :
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 ClientSampleId :

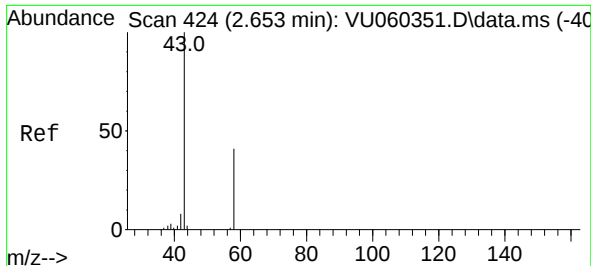
Tgt Ion:101 Resp: 196129
 Ion Ratio Lower Upper
 101 100
 85 42.0 33.5 50.3
 151 75.4 59.7 89.5



#12
 1,1-Dichloroethene
 Concen: 18.186 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU060353.D
 Acq: 08 Aug 2024 12:49

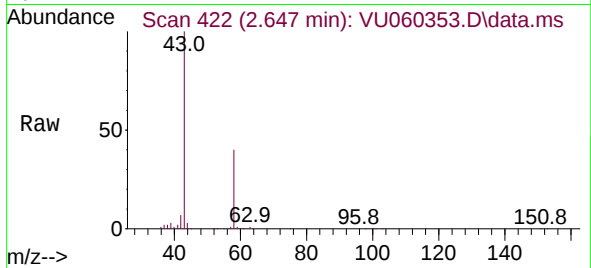
Tgt Ion: 96 Resp: 175812
 Ion Ratio Lower Upper
 96 100
 61 156.7 114.4 212.4
 63 133.1 96.0 178.4



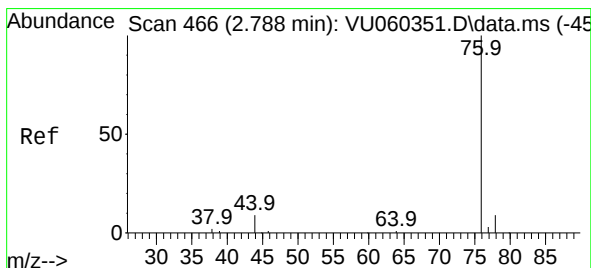
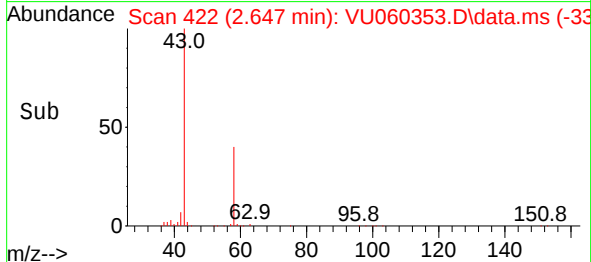
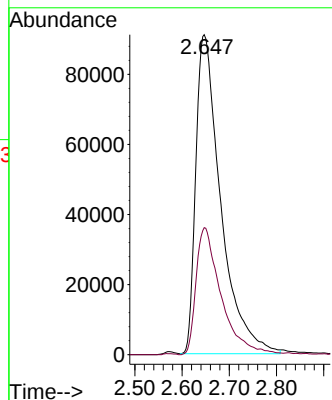


#13
Acetone
Concen: 231.899 ug/L
RT: 2.647 min Scan# 41
Delta R.T. -0.007 min
Lab File: VU060353.D
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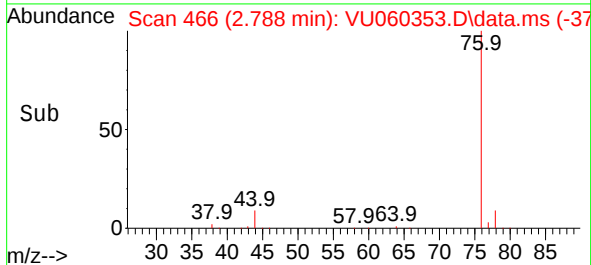
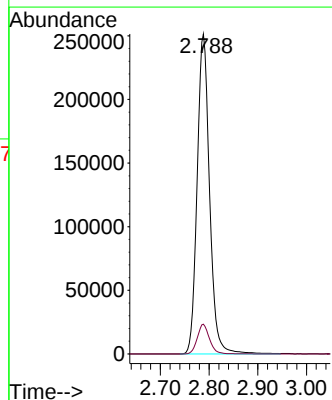
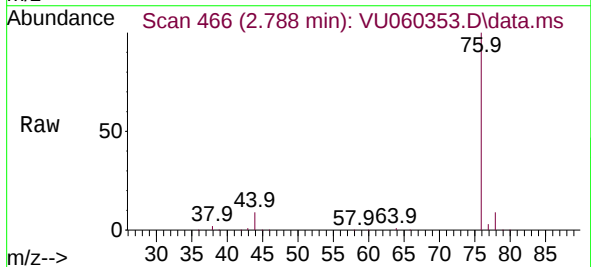


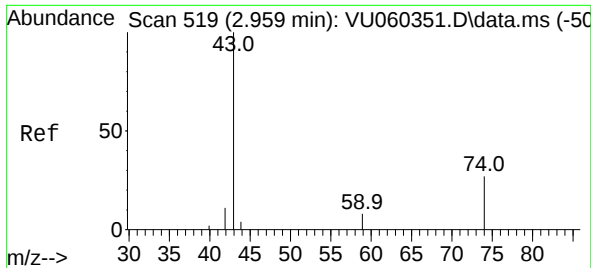
Tgt Ion: 43 Resp: 333651
Ion Ratio Lower Upper
43 100
58 40.0 0.0 78.8



#14
Carbon disulfide
Concen: 16.271 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

Tgt Ion: 76 Resp: 445586
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

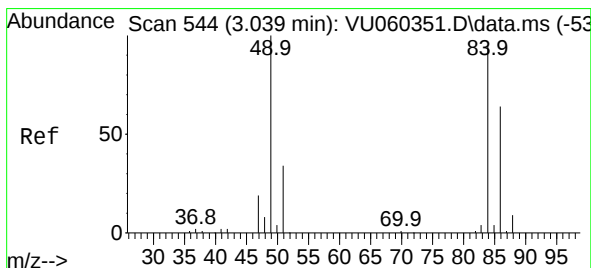
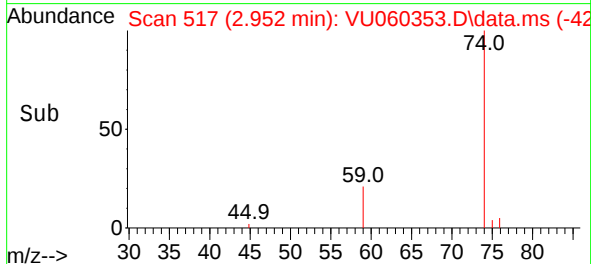
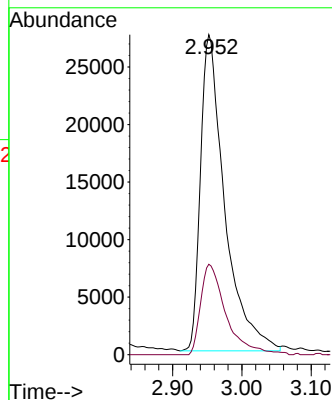
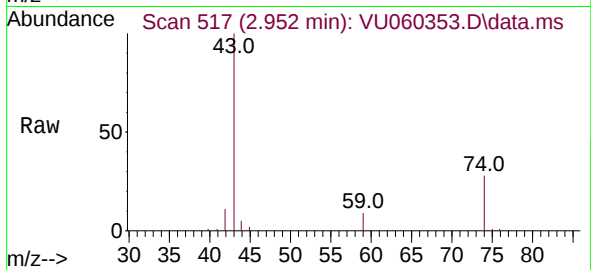




#15
Methyl Acetate
Concen: 20.001 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.007 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

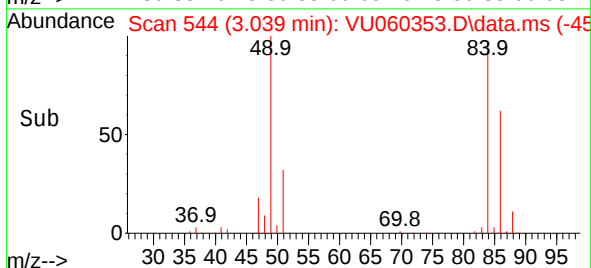
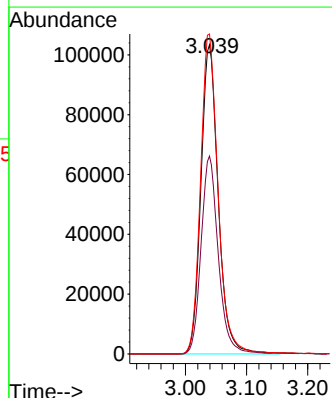
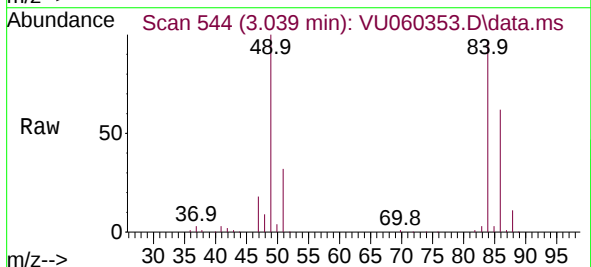
Instrument :
MSVOA_U
ClientSampleId :

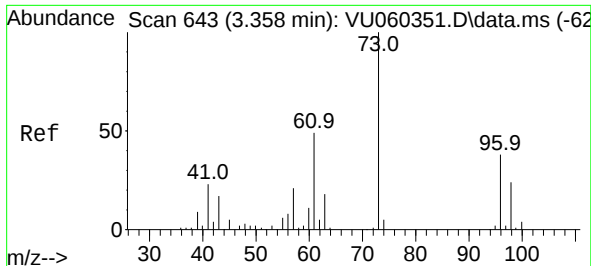
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Ion Ratio Lower Upper
43 100
74 30.0 21.3 31.9



#16
Methylene chloride
Concen: 17.131 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

Tgt Ion: 84 Resp: 203027
Ion Ratio Lower Upper
84 100
86 64.0 47.1 87.5
49 103.5 73.9 137.3





#17

Methyl tert-butyl Ether

Concen: 20.285 ug/L

RT: 3.357 min Scan# 64

Delta R.T. -0.000 min

Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

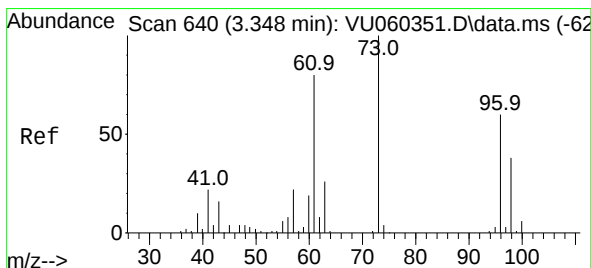
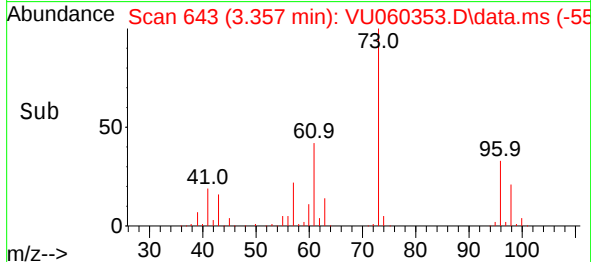
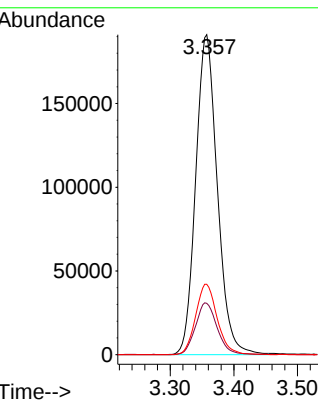
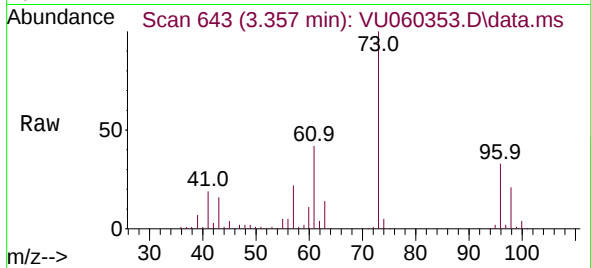
Tgt Ion: 73 Resp: 451357

Ion Ratio Lower Upper

73 100

43 16.1 12.8 19.2

57 22.0 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 18.152 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.003 min

Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

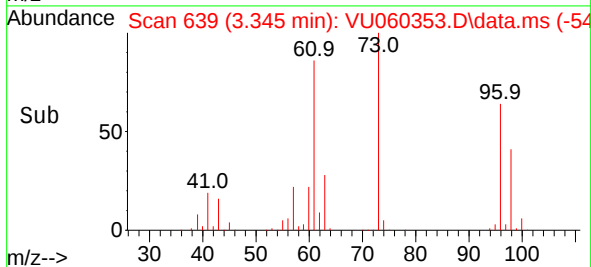
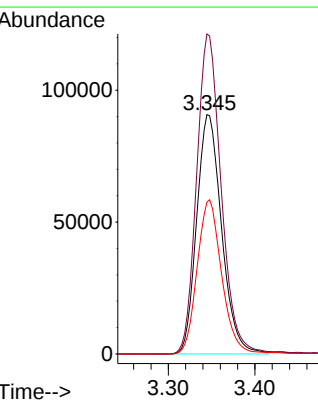
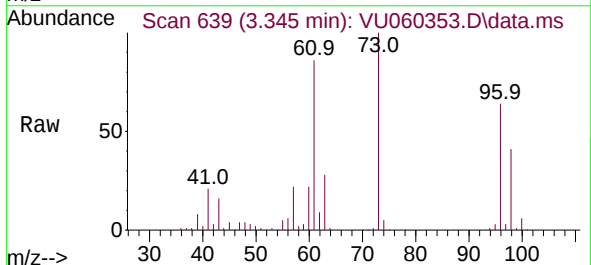
Tgt Ion: 96 Resp: 181517

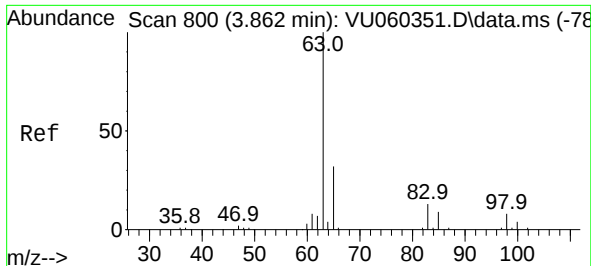
Ion Ratio Lower Upper

96 100

61 133.7 93.7 174.1

98 63.5 44.7 82.9

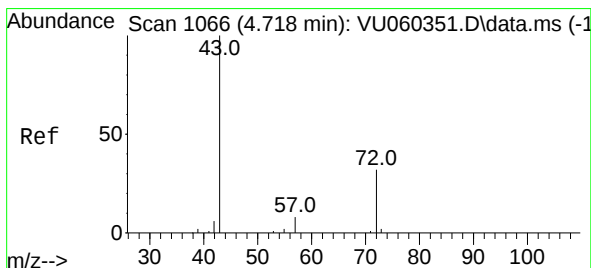
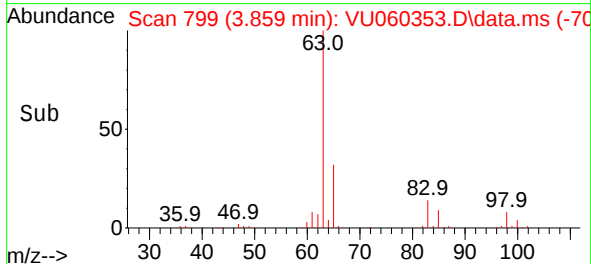
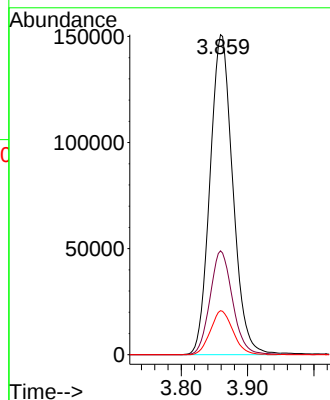
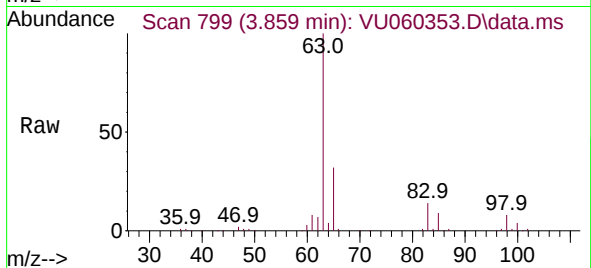




#19
1,1-Dichloroethane
Concen: 18.815 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

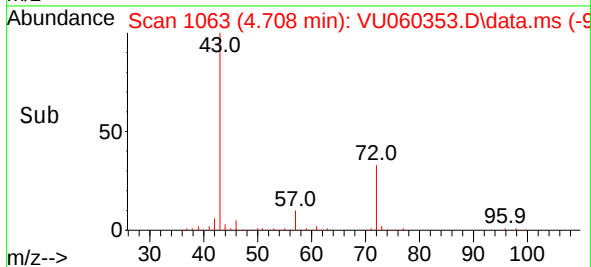
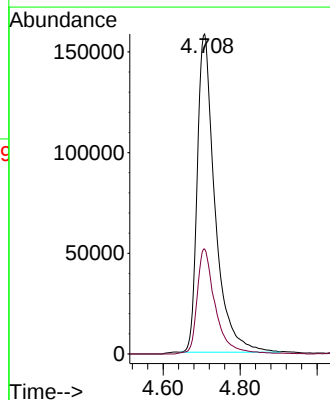
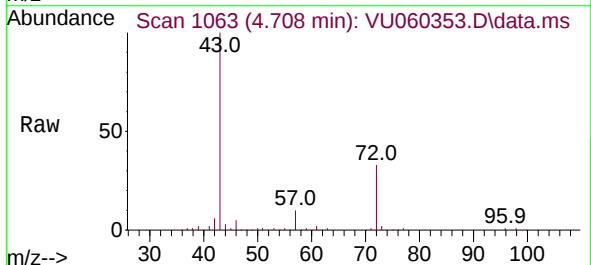
Instrument :
MSVOA_U
ClientSampleId :

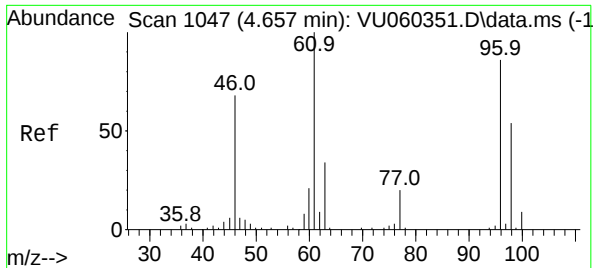
Tgt Ion: 63 Resp: 360165
Ion Ratio Lower Upper
63 100
65 32.5 22.2 41.2
83 13.8 9.1 16.9



#21
2-Butanone
Concen: 227.018 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.010 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

Tgt Ion: 43 Resp: 504623
Ion Ratio Lower Upper
43 100
72 33.5 15.9 47.6

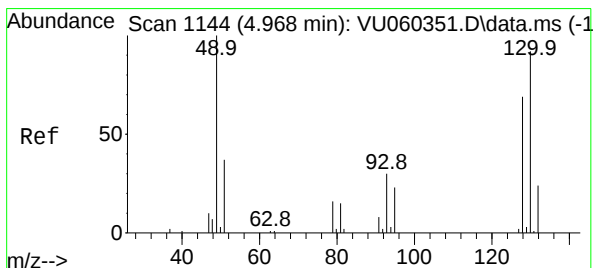
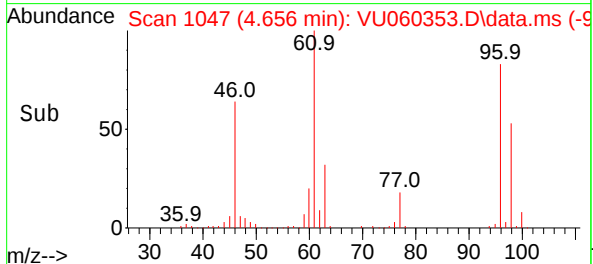
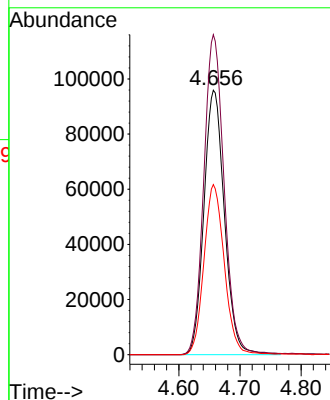
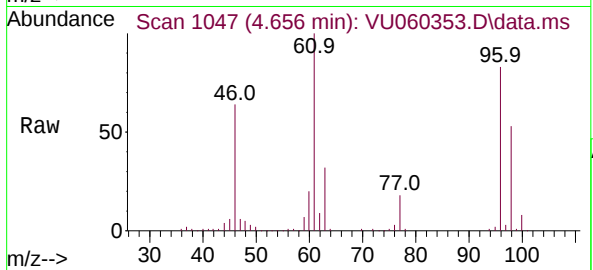




#22
 cis-1,2-Dichloroethene
 Concen: 19.866 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU060353.D
 Acq: 08 Aug 2024 12:49

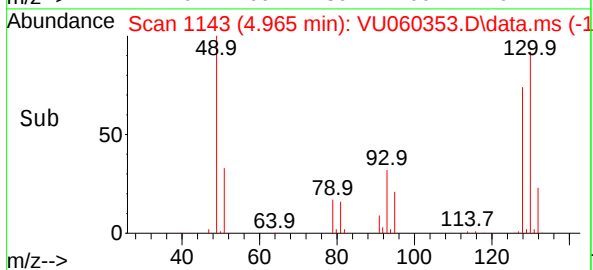
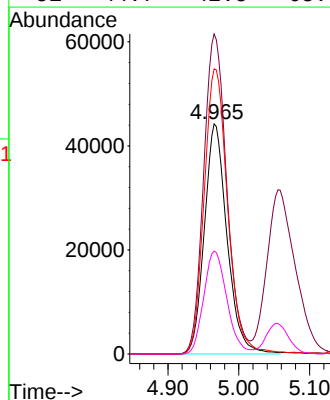
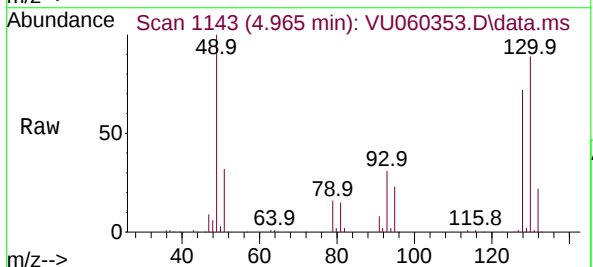
Instrument :
 MSVOA_U
 ClientSampleId :

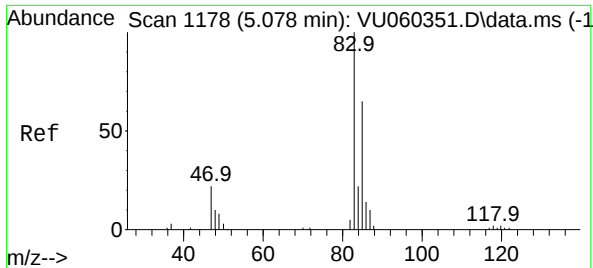
Tgt Ion: 96 Resp: 223844
 Ion Ratio Lower Upper
 96 100
 61 121.0 81.5 151.5
 98 64.3 43.5 80.7



#23
 Bromochloromethane
 Concen: 17.906 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU060353.D
 Acq: 08 Aug 2024 12:49

Tgt Ion:128 Resp: 98180
 Ion Ratio Lower Upper
 128 100
 49 139.1 101.0 187.6
 130 123.9 92.7 172.1
 51 44.7 42.5 63.7





#25

Chloroform

Concen: 18.151 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

Instrument :

MSVOA_U

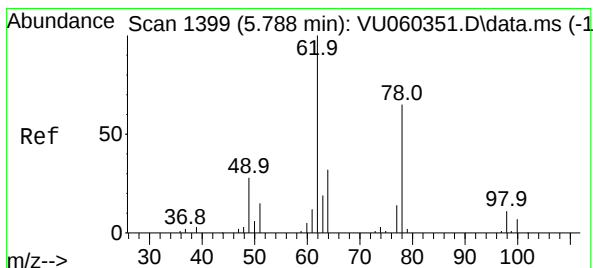
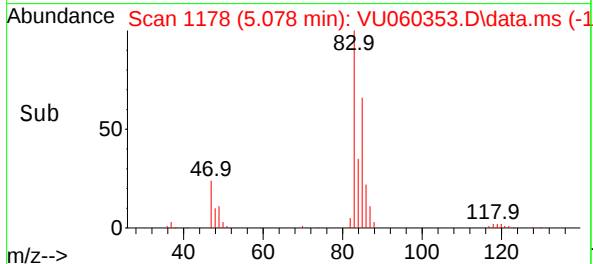
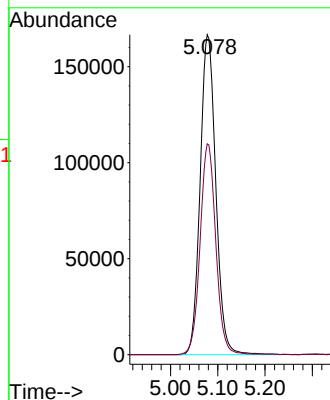
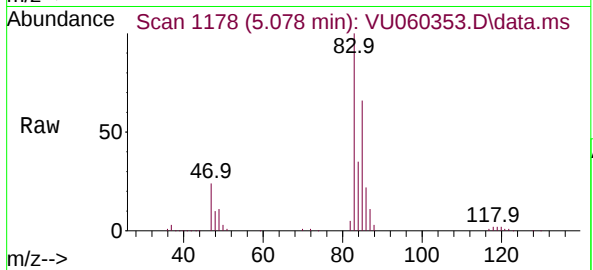
ClientSampleId :

Tgt Ion: 83 Resp: 383116

Ion Ratio Lower Upper

83 100

85 65.9 45.6 84.6



#27

1,2-Dichloroethane

Concen: 17.404 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060353.D

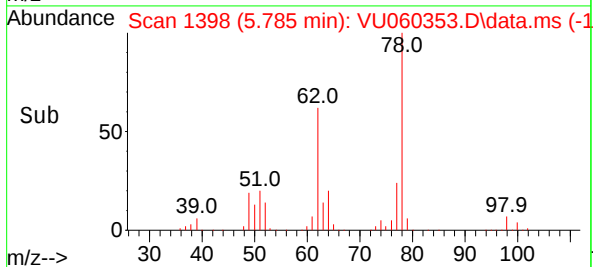
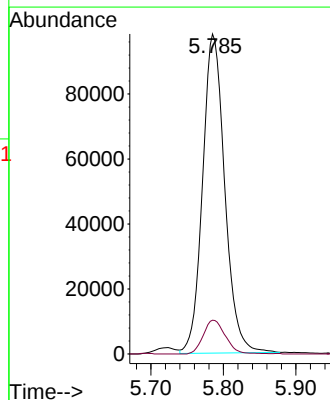
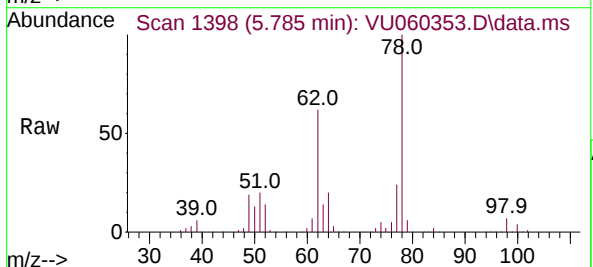
Acq: 08 Aug 2024 12:49

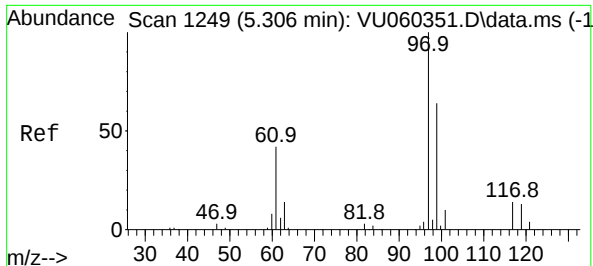
Tgt Ion: 62 Resp: 208756

Ion Ratio Lower Upper

62 100

98 10.6 9.0 13.6

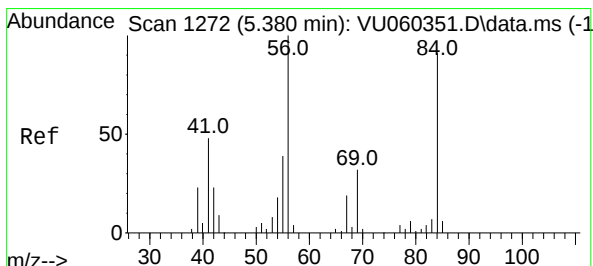
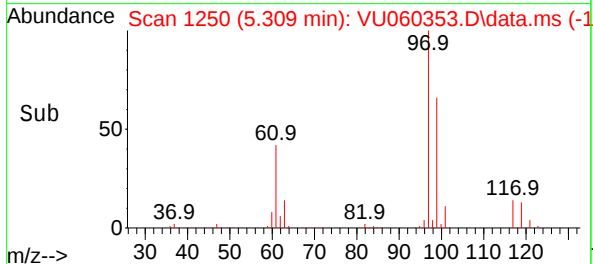
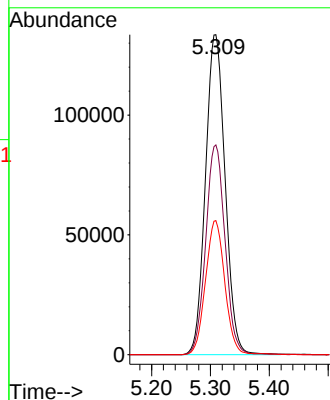
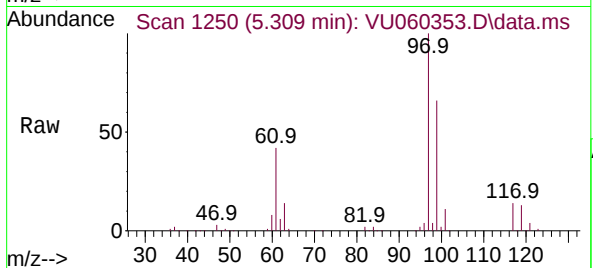




#29
1,1,1-Trichloroethane
Concen: 19.265 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

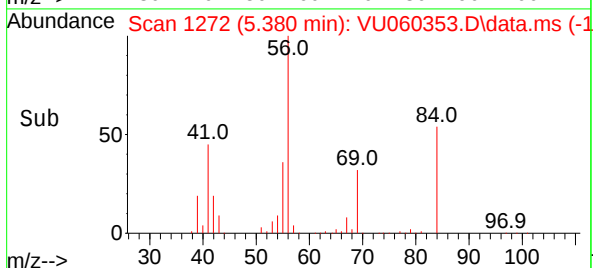
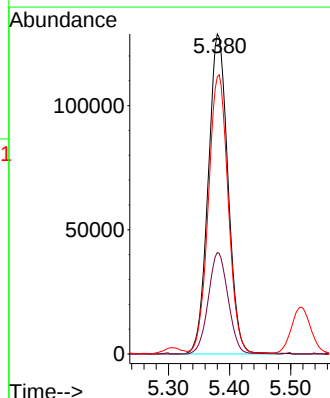
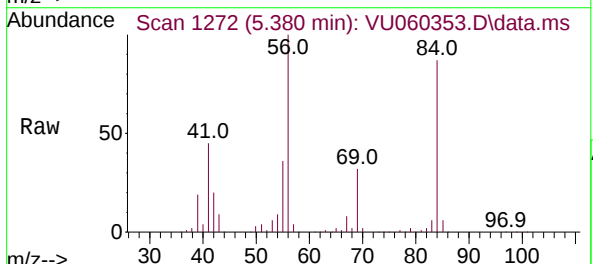
Instrument :
MSVOA_U
ClientSampleId :

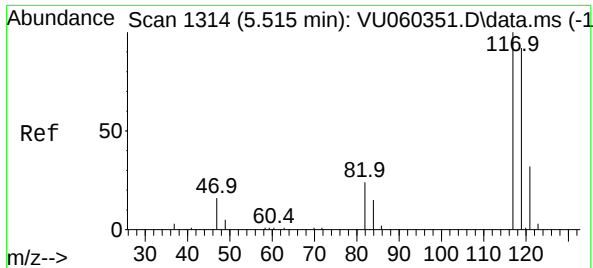
Tgt Ion: 97 Resp: 310328
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 41.0 33.0 49.6



#30
Cyclohexane
Concen: 22.628 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

Tgt Ion: 56 Resp: 288966
Ion Ratio Lower Upper
56 100
69 31.9 24.7 37.1
84 87.2 70.7 106.1

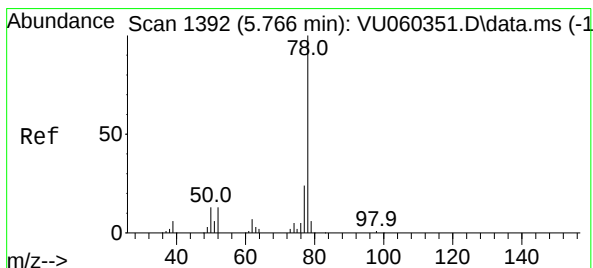
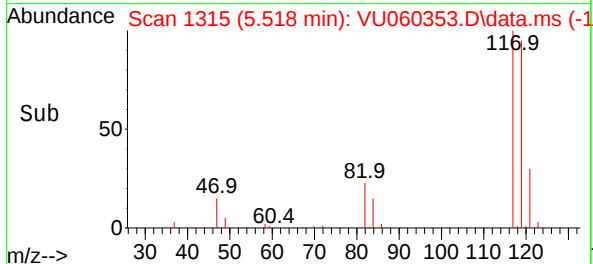
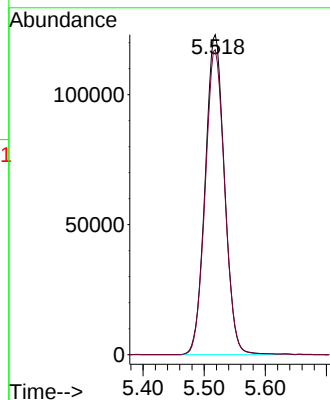
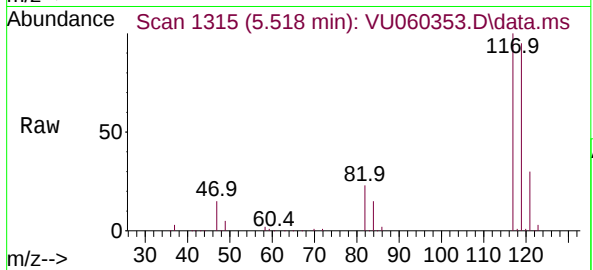




#31
Carbon tetrachloride
Concen: 19.399 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

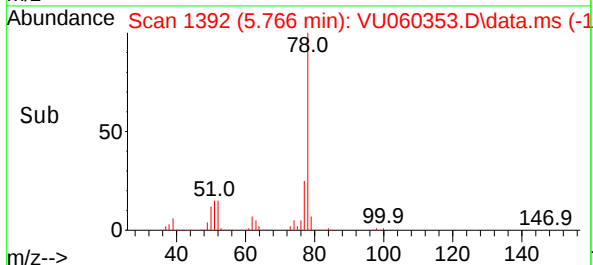
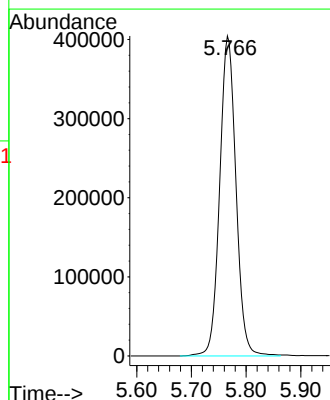
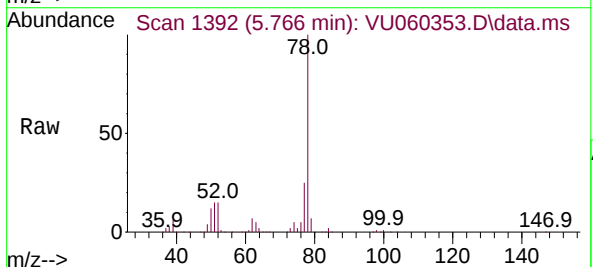
Instrument :
MSVOA_U
ClientSampleId :

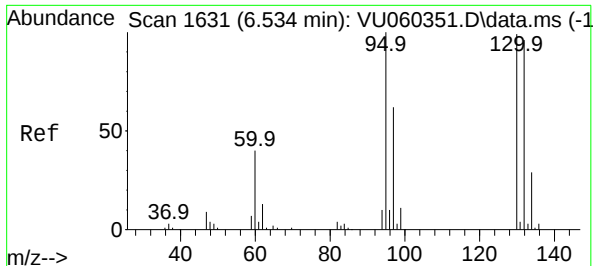
Tgt Ion:117 Resp: 270238
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8



#33
Benzene
Concen: 19.686 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

Tgt Ion: 78 Resp: 835773

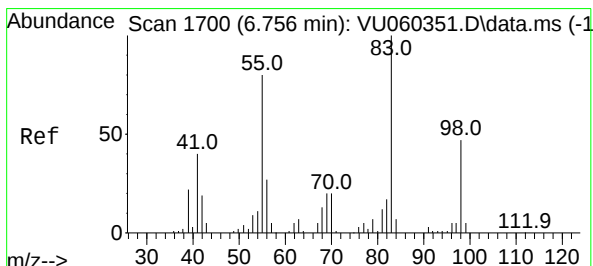
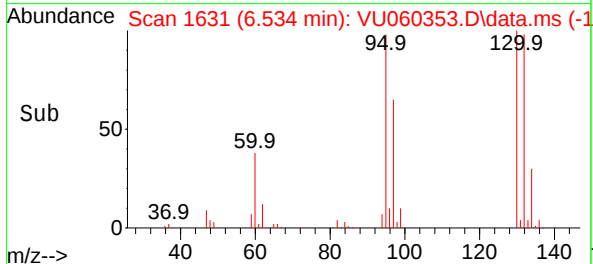
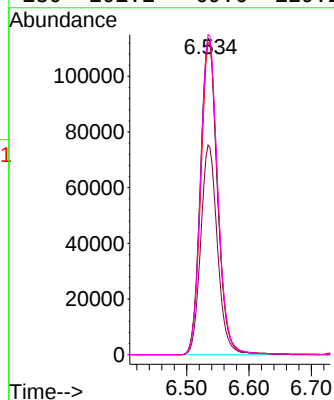
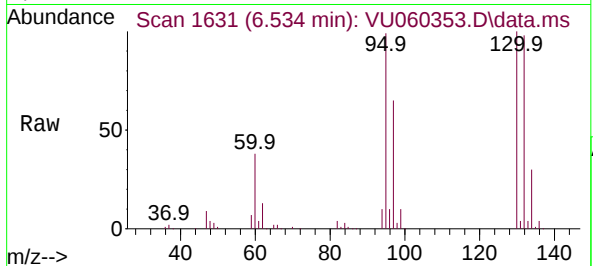




#34
Trichloroethene
Concen: 19.106 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

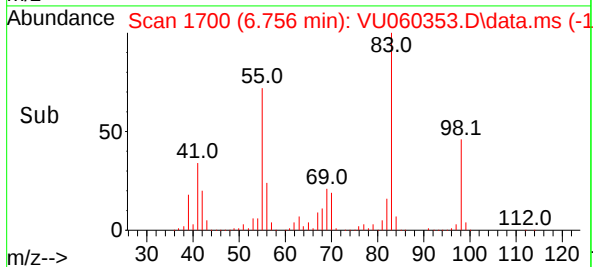
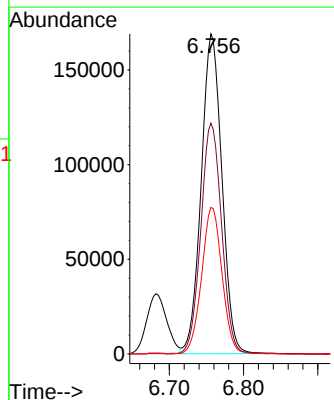
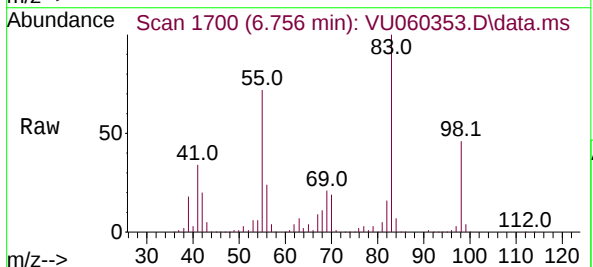
Instrument :
MSVOA_U
ClientSampleId :

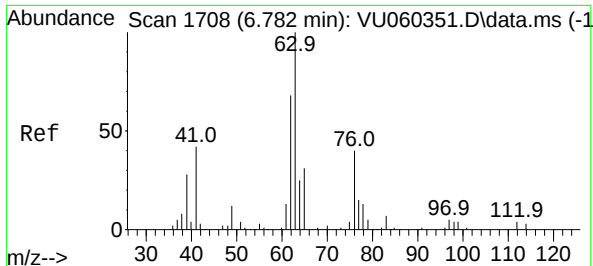
Tgt Ion: 95 Resp: 215911
Ion Ratio Lower Upper
95 100
97 66.2 43.6 81.0
132 98.7 67.1 124.5
130 101.1 69.6 129.2



#35
Methylcyclohexane
Concen: 22.357 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

Tgt Ion: 83 Resp: 327334
Ion Ratio Lower Upper
83 100
55 72.6 62.4 93.6
98 45.0 37.3 55.9

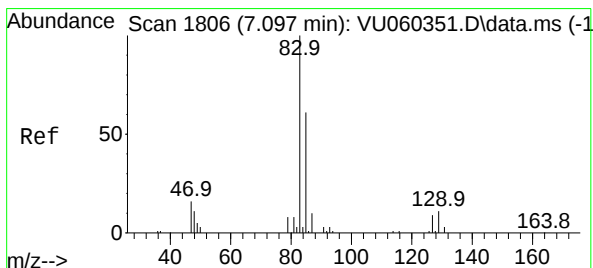
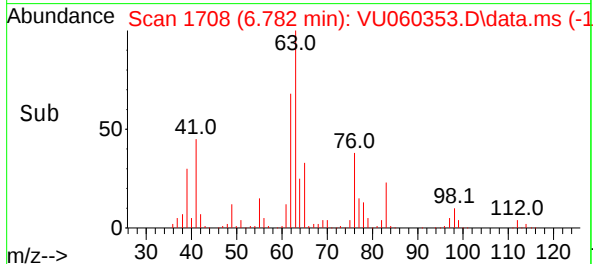
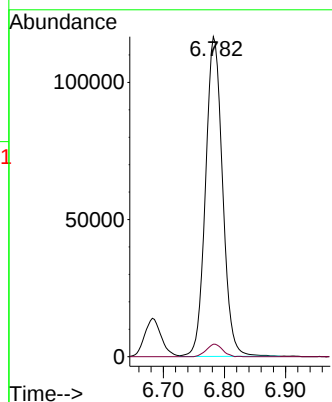
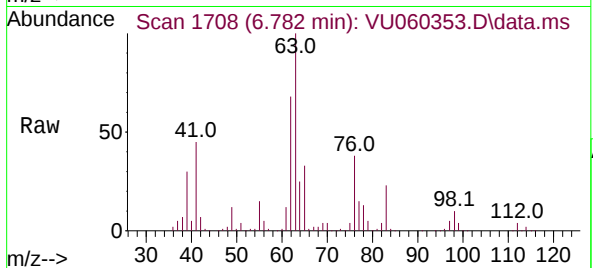




#37
1,2-Dichloropropane
Concen: 19.466 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

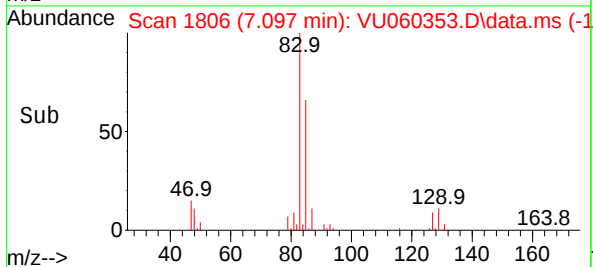
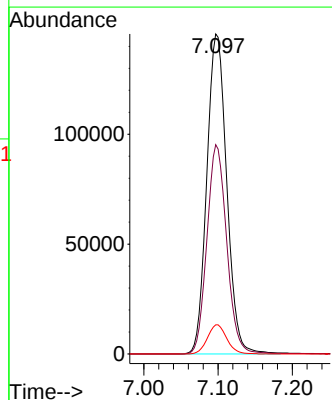
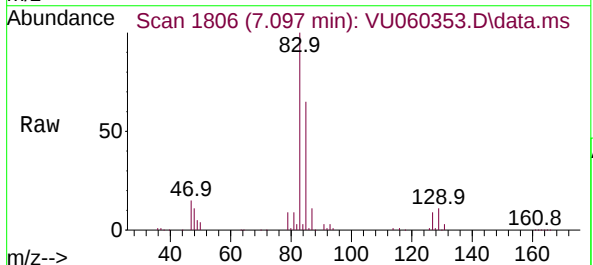
Instrument :
MSVOA_U
ClientSampleId :

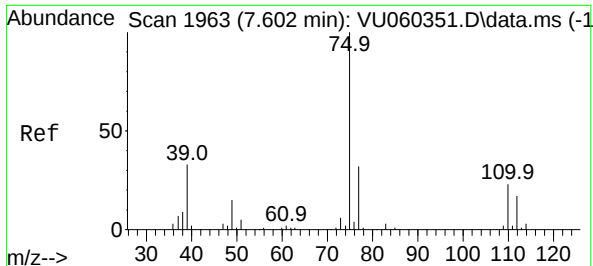
Tgt Ion: 63 Resp: 225594
Ion Ratio Lower Upper
63 100
112 3.7 3.3 4.9



#38
Bromodichloromethane
Concen: 18.725 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

Tgt Ion: 83 Resp: 271298
Ion Ratio Lower Upper
83 100
85 65.4 42.4 78.8
127 9.1 7.0 10.4

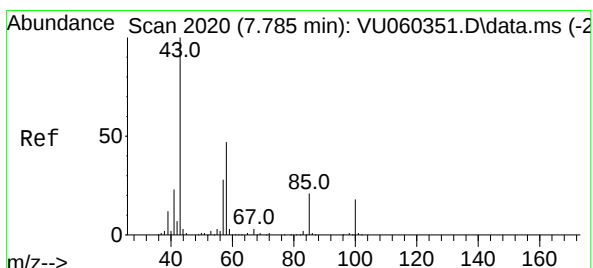
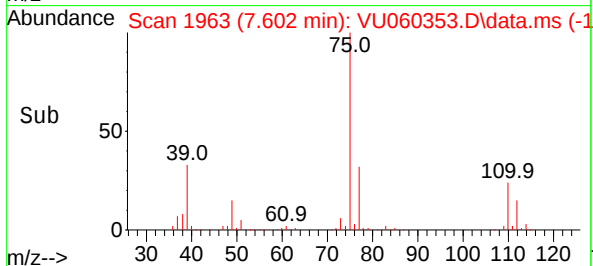
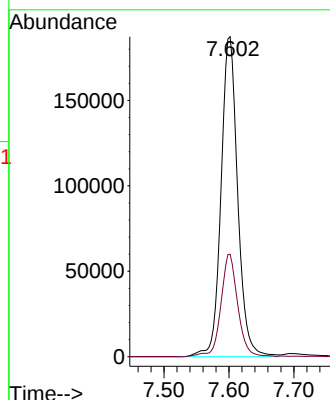
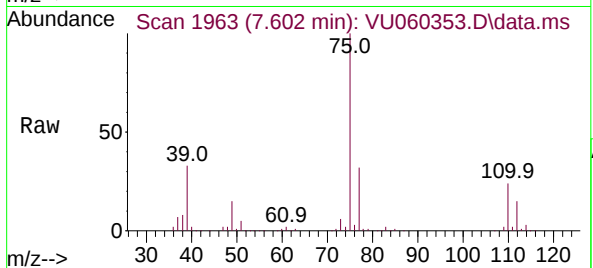




#39
 cis-1,3-Dichloropropene
 Concen: 21.969 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060353.D
 Acq: 08 Aug 2024 12:49

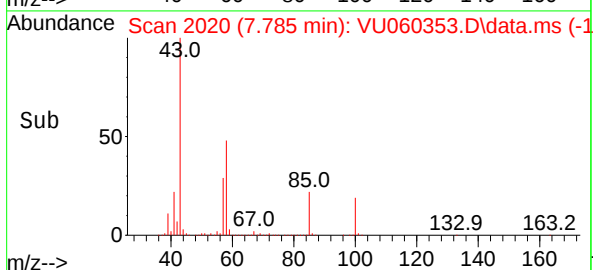
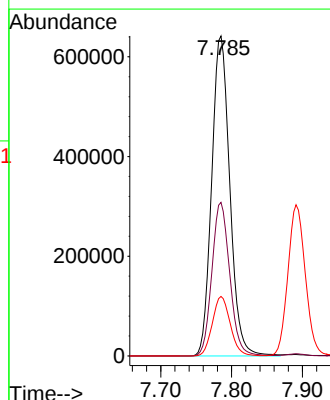
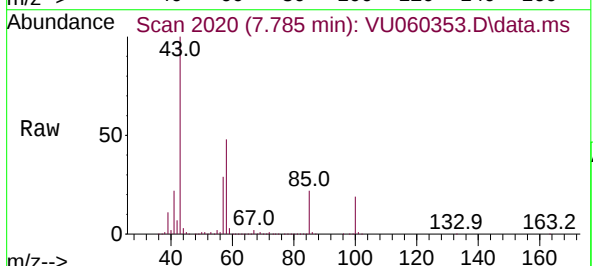
Instrument :
 MSVOA_U
 ClientSampleId :

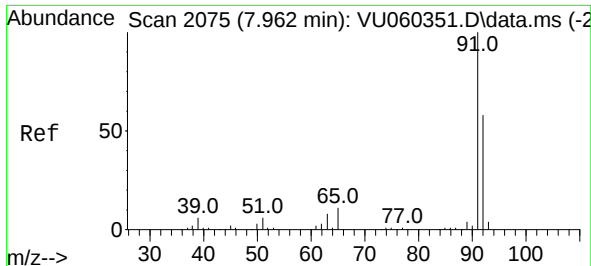
Tgt Ion: 75 Resp: 332685
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 219.572 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060353.D
 Acq: 08 Aug 2024 12:49

Tgt Ion: 43 Resp: 1141059
 Ion Ratio Lower Upper
 43 100
 58 47.3 36.6 55.0
 100 18.4 14.1 21.1





#42

Toluene

Concen: 20.393 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

Instrument :

MSVOA_U

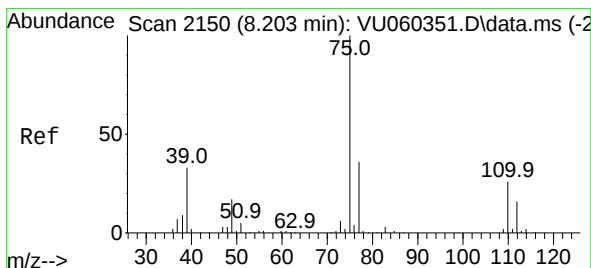
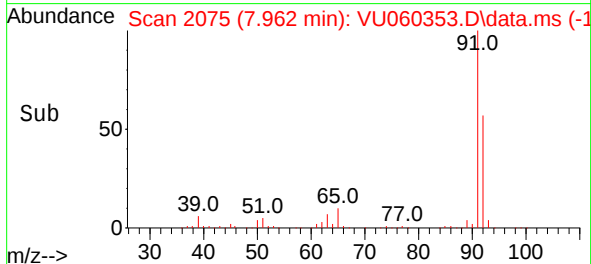
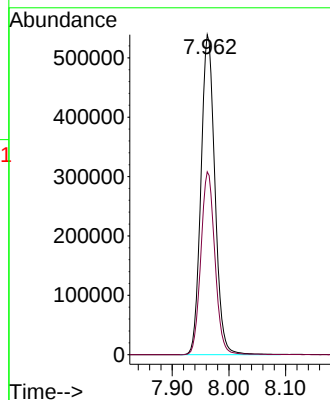
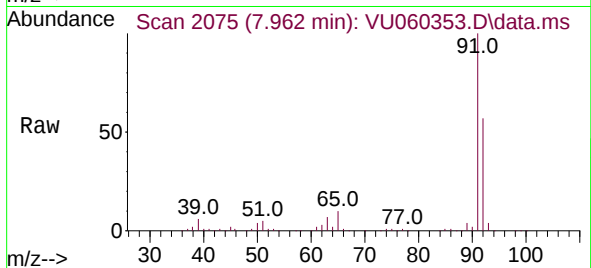
ClientSampleId :

Tgt Ion: 91 Resp: 921097

Ion Ratio Lower Upper

91 100

92 57.1 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 21.187 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU060353.D

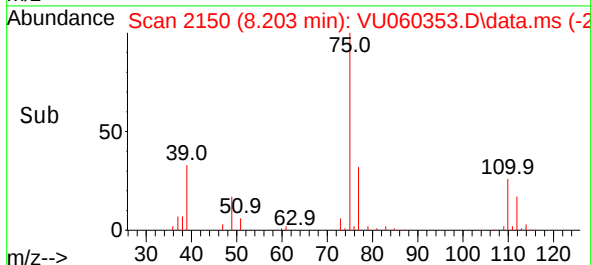
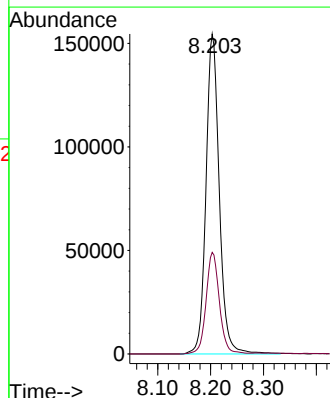
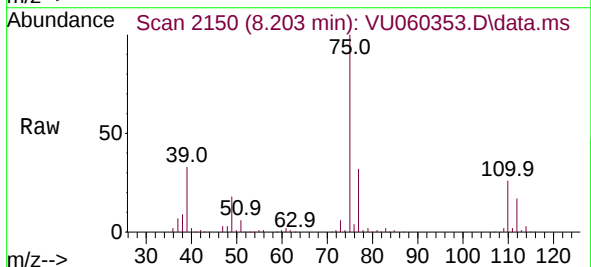
Acq: 08 Aug 2024 12:49

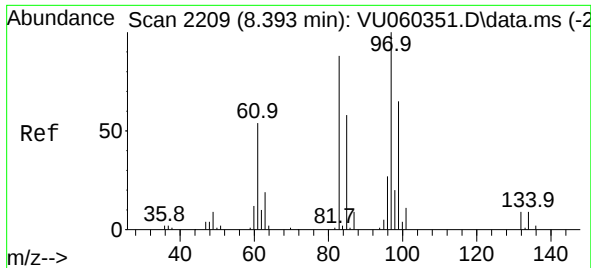
Tgt Ion: 75 Resp: 269665

Ion Ratio Lower Upper

75 100

77 31.8 25.0 46.4



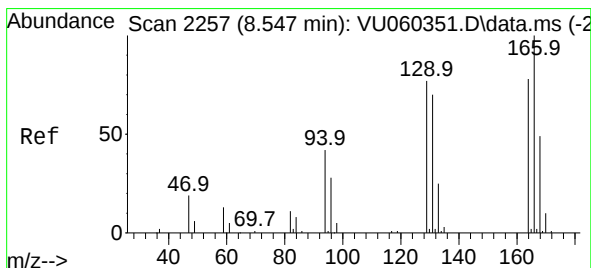
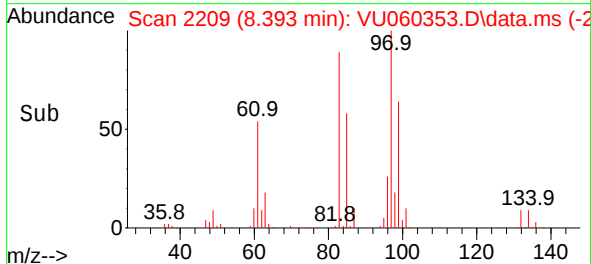
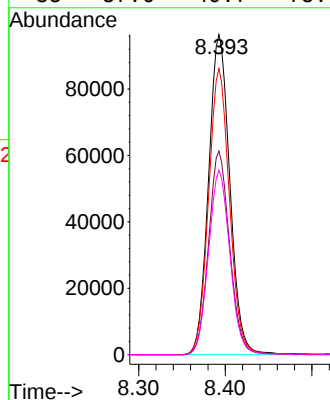
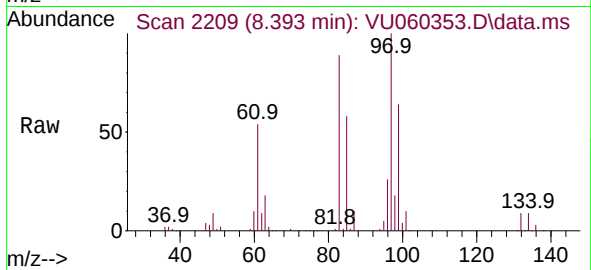


#45
1,1,2-Trichloroethane
Concen: 18.636 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 164573

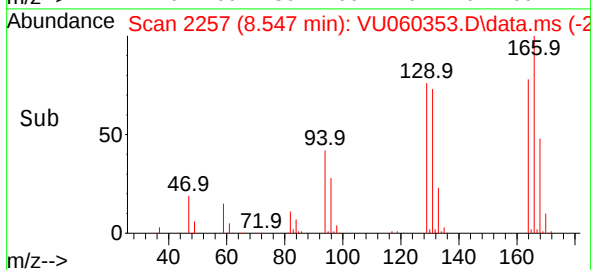
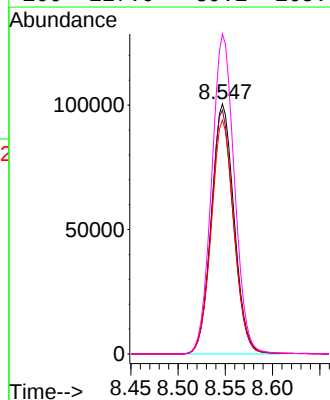
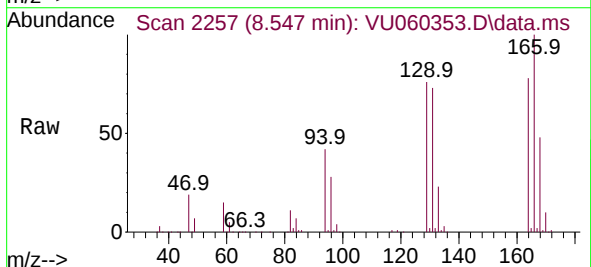
Ion	Ratio	Lower	Upper
97	100		
99	63.6	45.8	85.0
83	89.4	61.7	114.5
85	57.6	40.7	75.7

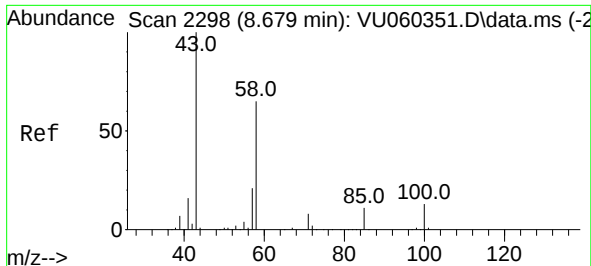


#47
Tetrachloroethene
Concen: 18.301 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

Tgt Ion: 164 Resp: 168144

Ion	Ratio	Lower	Upper
164	100		
129	97.5	69.0	128.1
131	93.5	62.6	116.3
166	127.9	89.2	165.8

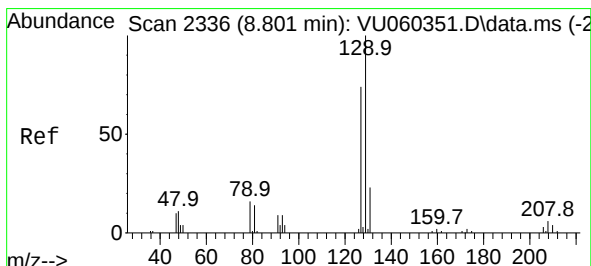
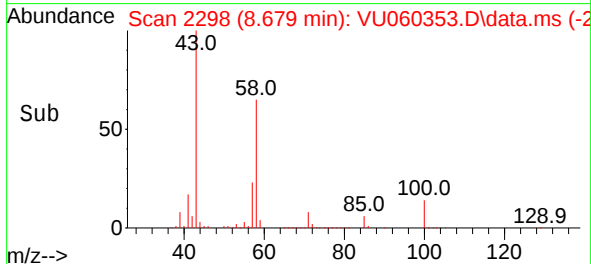
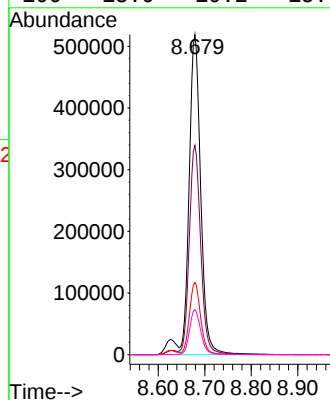
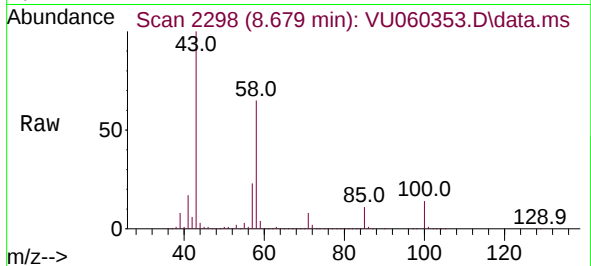




#48
2-Hexanone
Concen: 229.790 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

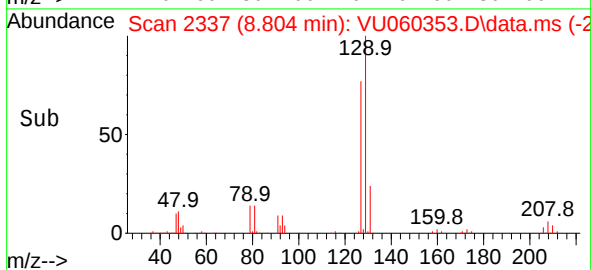
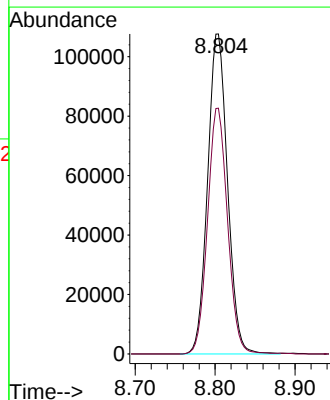
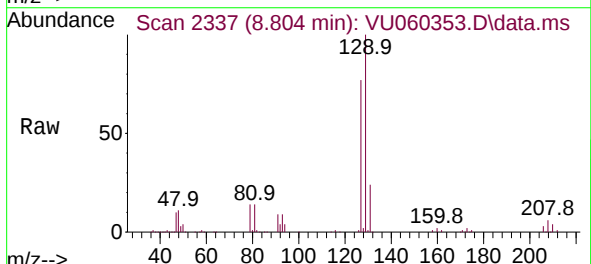
Instrument :
MSVOA_U
ClientSampleId :

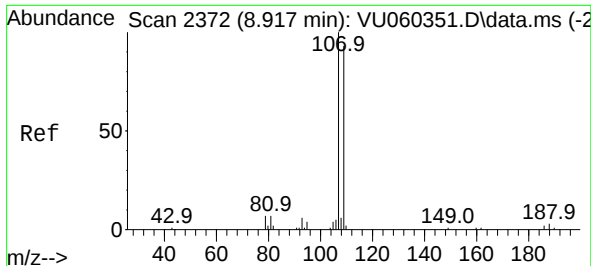
Tgt	Ion: 43	Resp:	887524
Ion	Ratio	Lower	Upper
43	100		
58	65.3	50.9	76.3
57	22.1	17.4	26.0
100	13.9	10.2	15.4



#49
Dibromochloromethane
Concen: 19.161 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

Tgt Ion:129	Resp: 186526
Ion Ratio	Lower Upper
129 100	
127 76.8	51.9 96.3





#50

1,2-Dibromoethane

Concen: 18.805 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

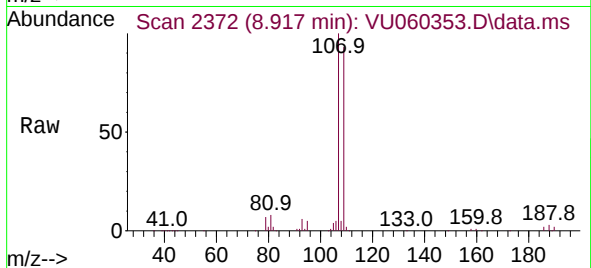
Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :



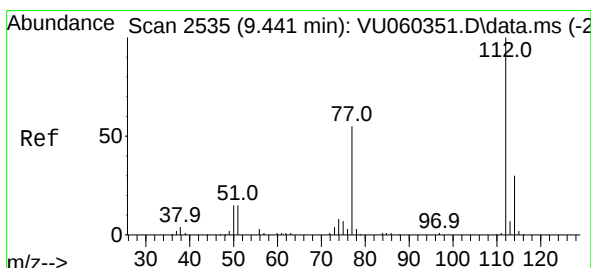
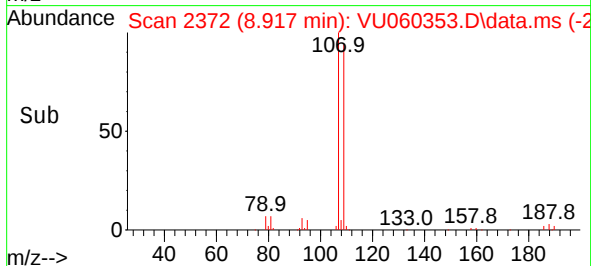
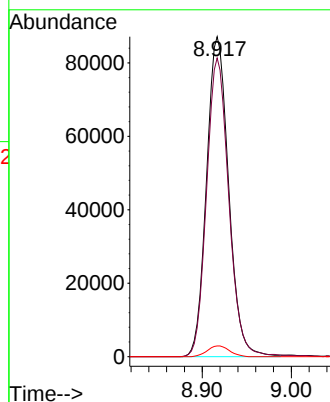
Tgt Ion:107 Resp: 150180

Ion Ratio Lower Upper

107 100

109 93.4 64.8 120.3

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 19.931 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

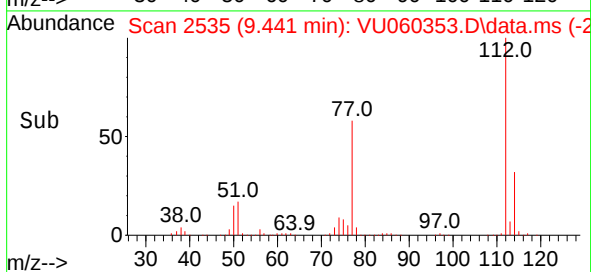
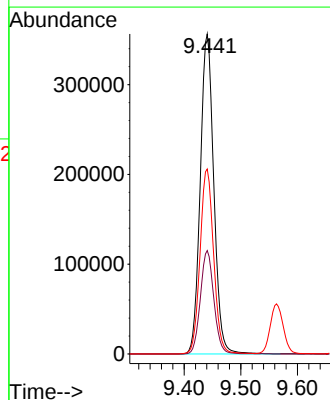
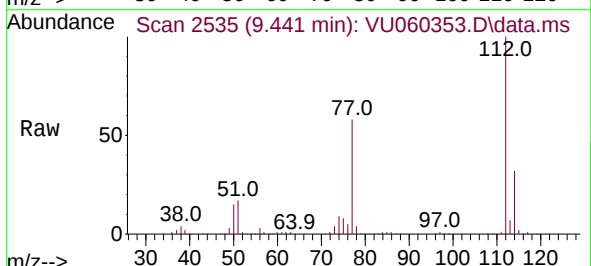
Tgt Ion:112 Resp: 590769

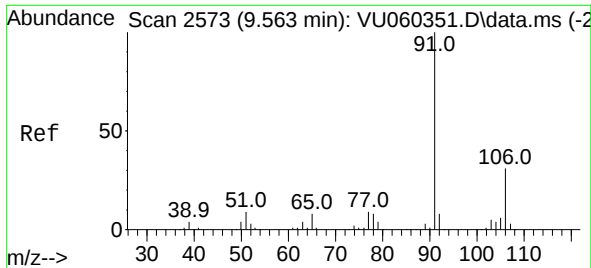
Ion Ratio Lower Upper

112 100

114 32.3 21.3 39.5

77 57.8 44.6 67.0





#52

Ethylbenzene

Concen: 22.524 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

Instrument :

MSVOA_U

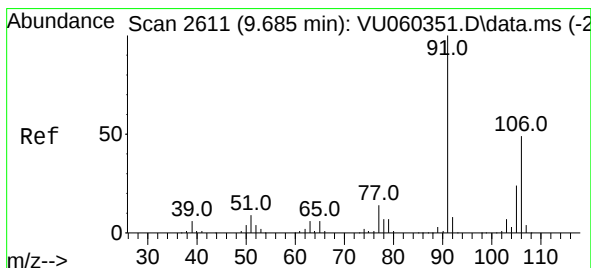
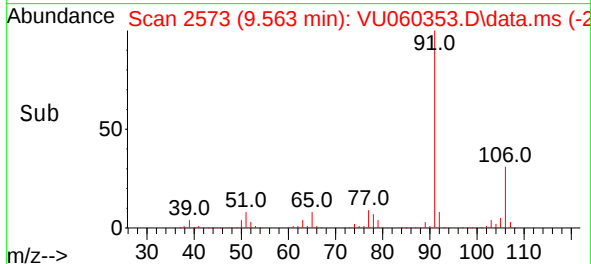
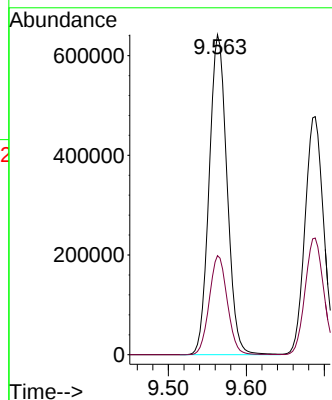
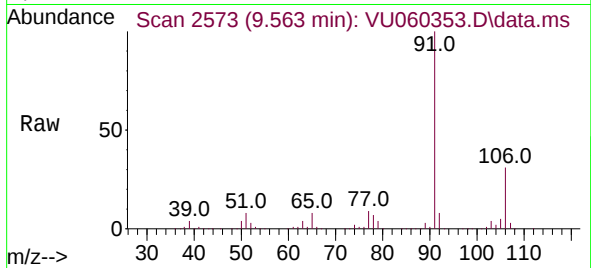
ClientSampleId :

Tgt Ion: 91 Resp: 1020621

Ion Ratio Lower Upper

91 100

106 31.0 21.6 40.2



#53

m,p-Xylene

Concen: 22.391 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU060353.D

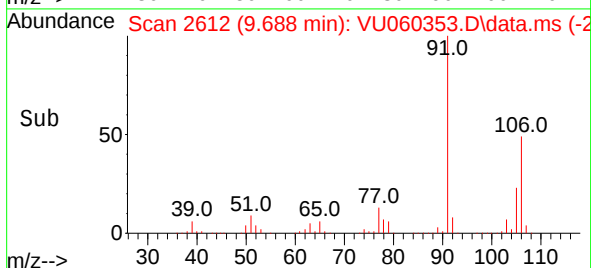
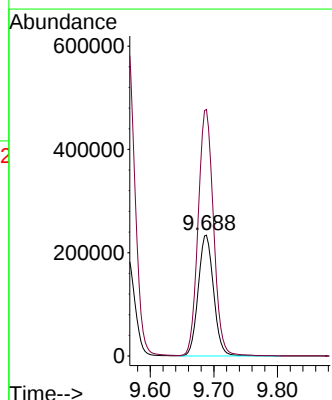
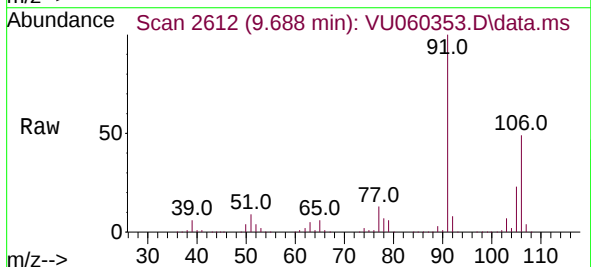
Acq: 08 Aug 2024 12:49

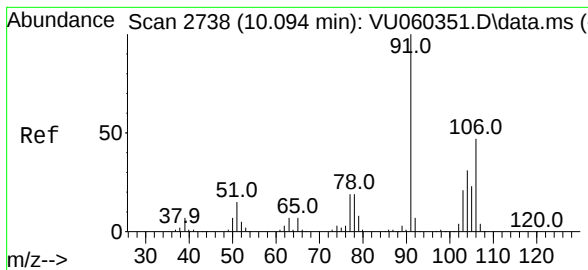
Tgt Ion:106 Resp: 392212

Ion Ratio Lower Upper

106 100

91 204.0 143.2 266.0

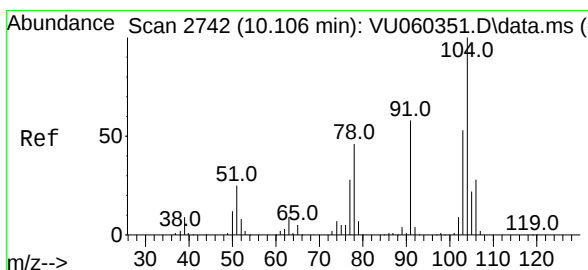
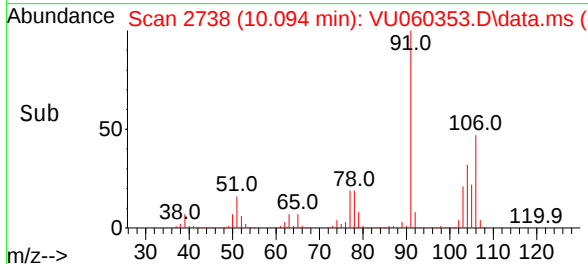
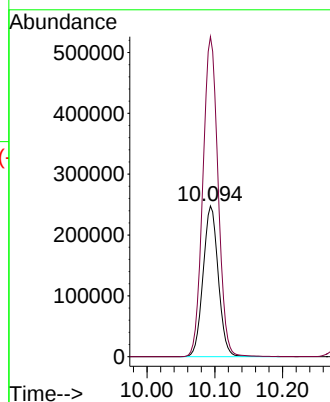
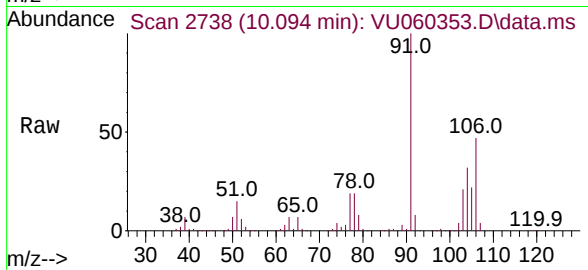




#54
o-Xylene
Concen: 22.945 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

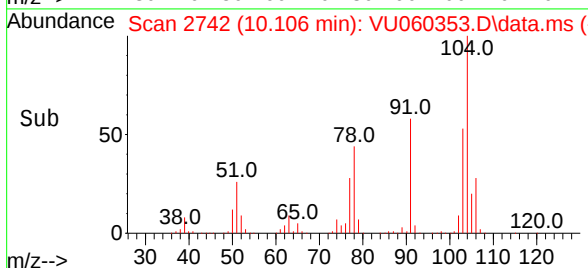
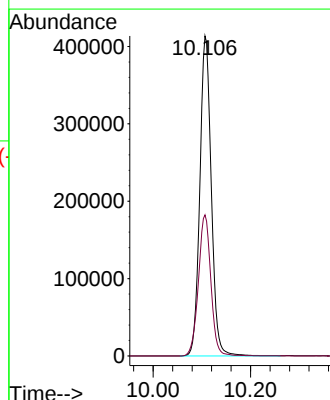
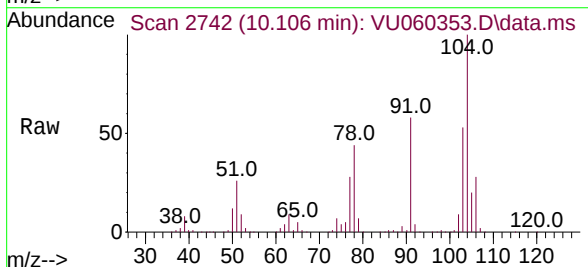
Instrument :
MSVOA_U
ClientSampleId :

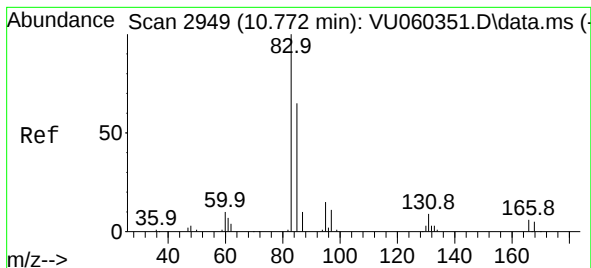
Tgt Ion:106 Resp: 384727
Ion Ratio Lower Upper
106 100
91 212.3 150.2 279.0



#55
Styrene
Concen: 23.675 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU060353.D
Acq: 08 Aug 2024 12:49

Tgt Ion:104 Resp: 676156
Ion Ratio Lower Upper
104 100
78 44.1 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 19.420 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

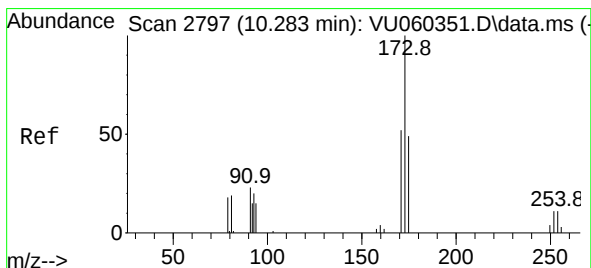
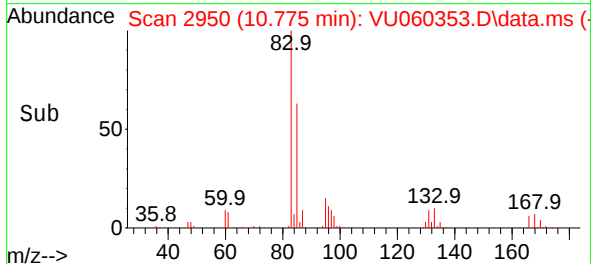
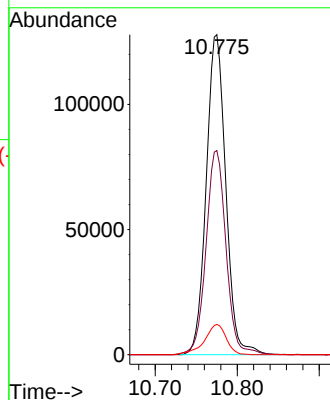
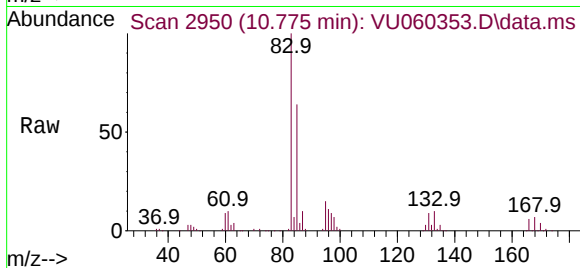
Tgt Ion: 83 Resp: 211116

Ion Ratio Lower Upper

83 100

85 63.8 46.1 85.5

131 9.5 7.6 11.4



#59

Bromoform

Concen: 17.029 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

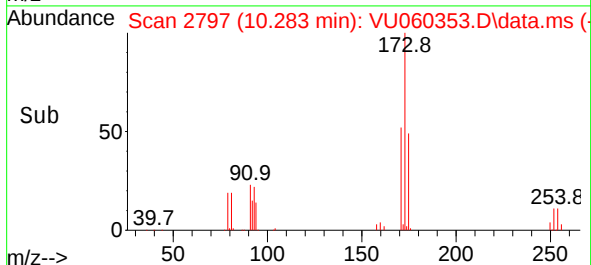
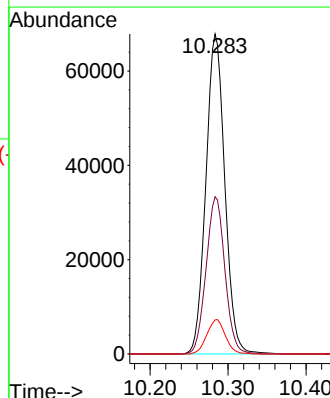
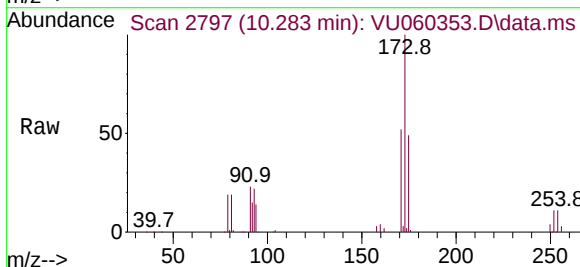
Tgt Ion:173 Resp: 114396

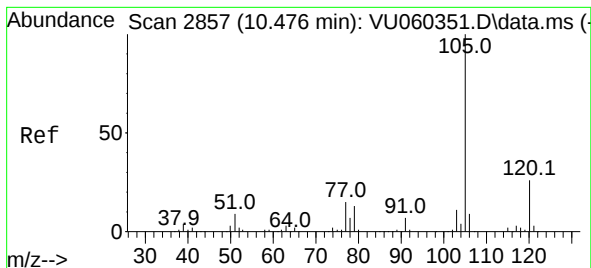
Ion Ratio Lower Upper

173 100

175 48.9 39.7 59.5

254 10.5 8.2 12.4





#60

Isopropylbenzene

Concen: 21.529 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

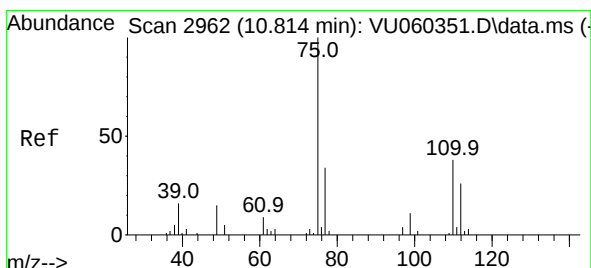
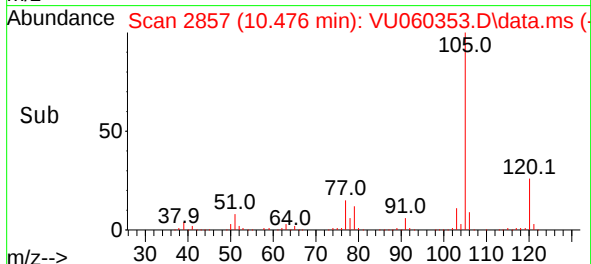
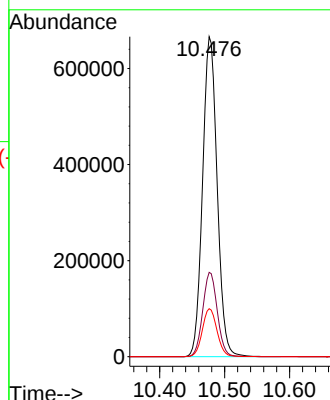
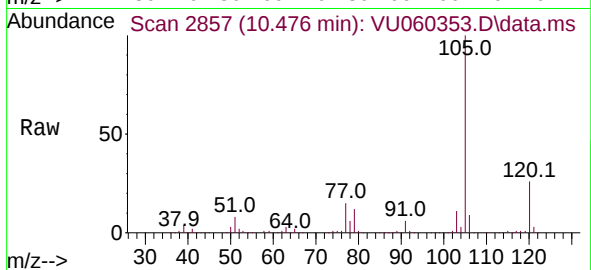
Tgt Ion:105 Resp: 1042222

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.6

77 15.1 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 17.734 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

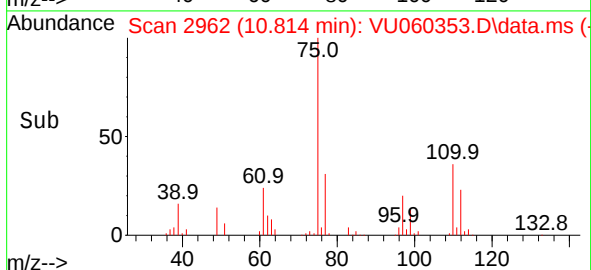
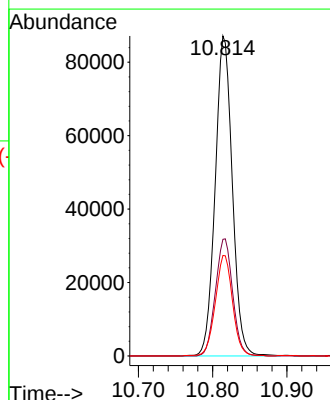
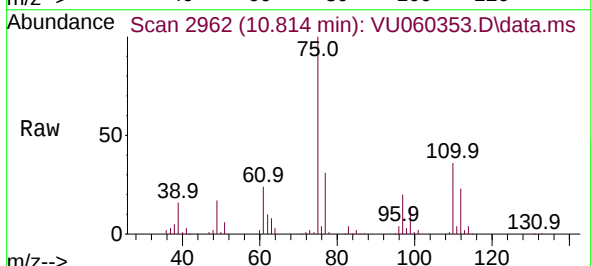
Tgt Ion: 75 Resp: 139686

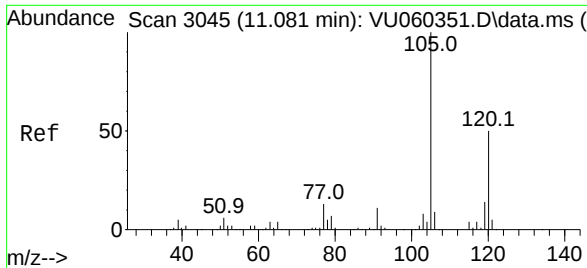
Ion Ratio Lower Upper

75 100

110 36.9 29.9 44.9

77 31.6 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 23.496 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

Instrument :

MSVOA_U

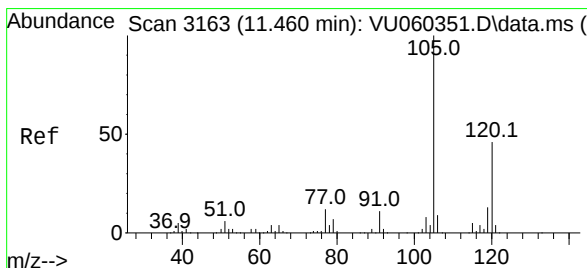
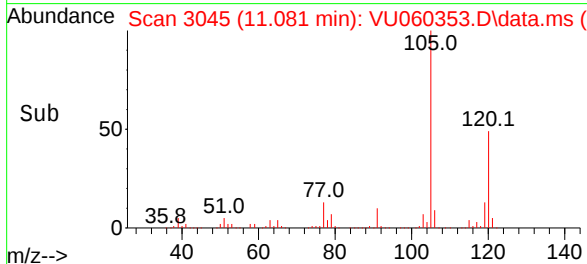
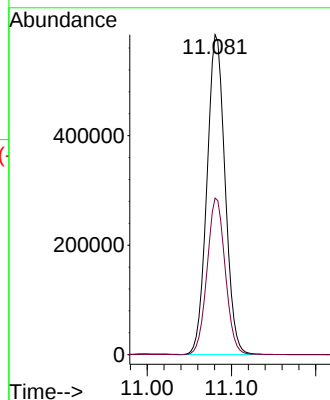
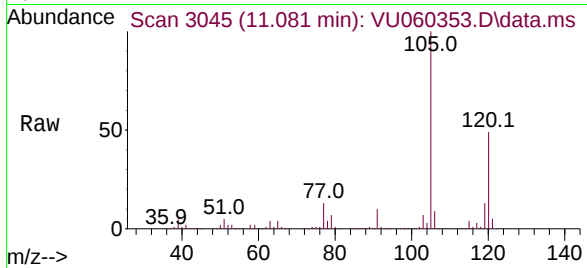
ClientSampleId :

Tgt Ion:105 Resp: 872443

Ion Ratio Lower Upper

105 100

120 49.2 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 24.298 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU060353.D

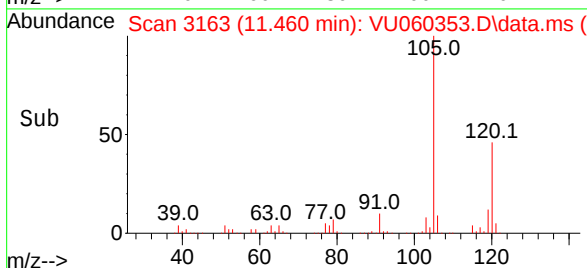
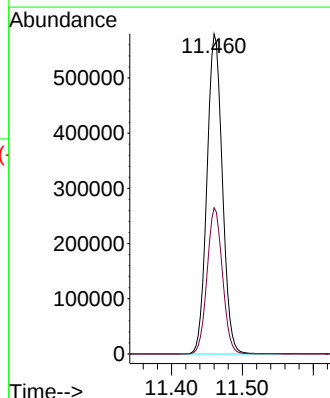
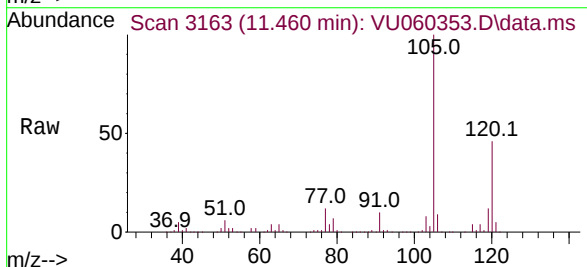
Acq: 08 Aug 2024 12:49

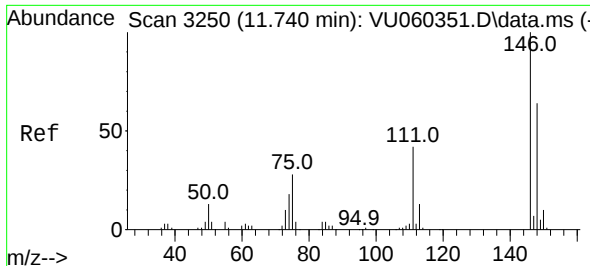
Tgt Ion:105 Resp: 875379

Ion Ratio Lower Upper

105 100

120 45.6 36.1 54.1

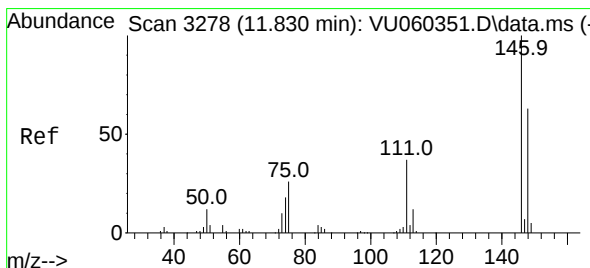
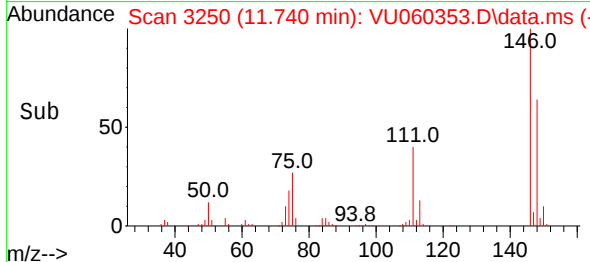
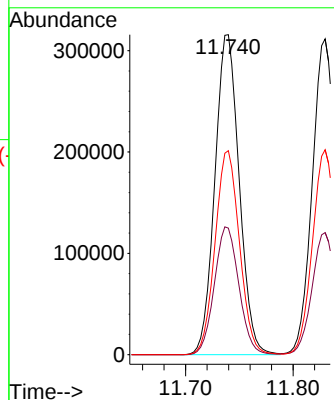
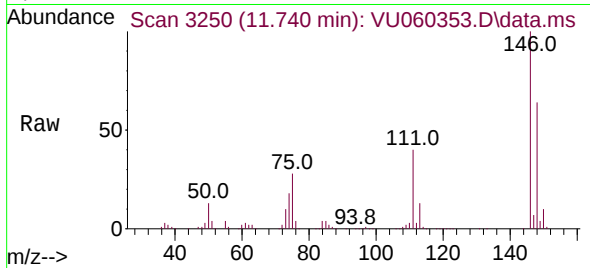




#64
 1,3-Dichlorobenzene
 Concen: 19.223 ug/L
 RT: 11.740 min Scan# 3250
 Delta R.T. -0.000 min
 Lab File: VU060353.D
 Acq: 08 Aug 2024 12:49

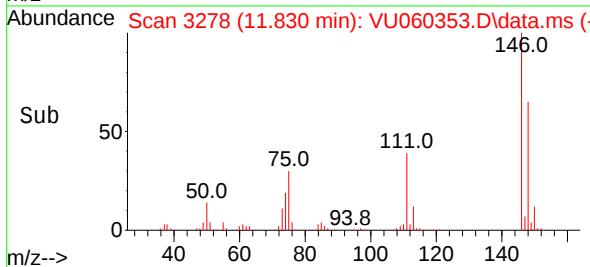
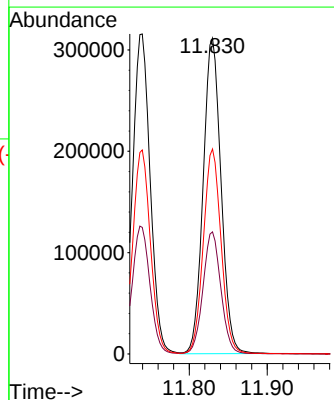
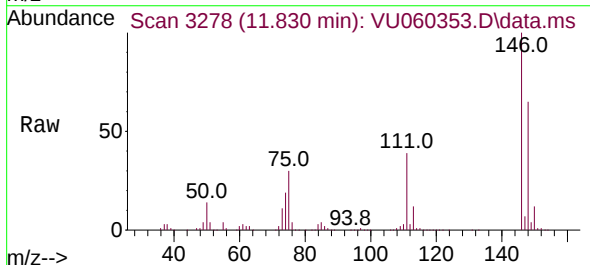
Instrument :
 MSVOA_U
 ClientSampleId :

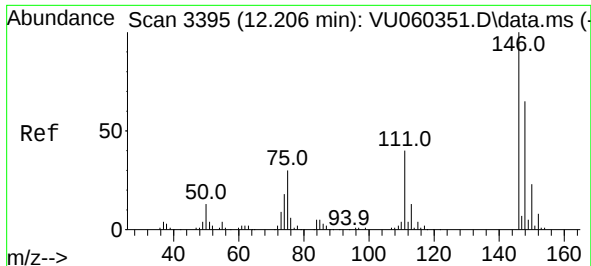
Tgt Ion:146 Resp: 497224
 Ion Ratio Lower Upper
 146 100
 111 39.5 29.2 54.2
 148 63.7 44.9 83.3



#65
 1,4-Dichlorobenzene
 Concen: 18.683 ug/L
 RT: 11.830 min Scan# 3278
 Delta R.T. -0.000 min
 Lab File: VU060353.D
 Acq: 08 Aug 2024 12:49

Tgt Ion:146 Resp: 495463
 Ion Ratio Lower Upper
 146 100
 111 38.6 25.8 48.0
 148 64.9 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 18.632 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

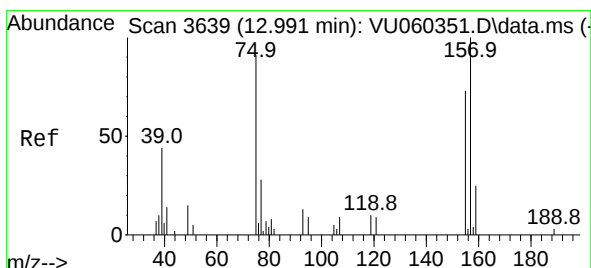
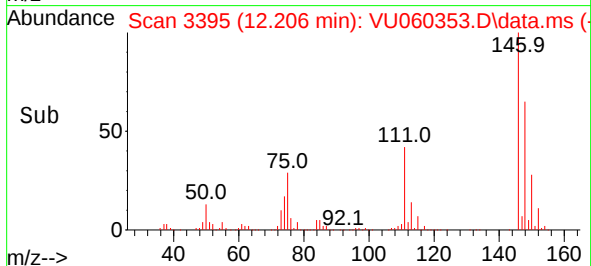
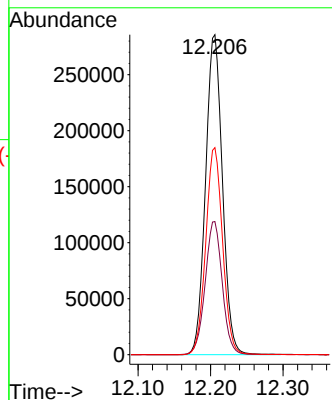
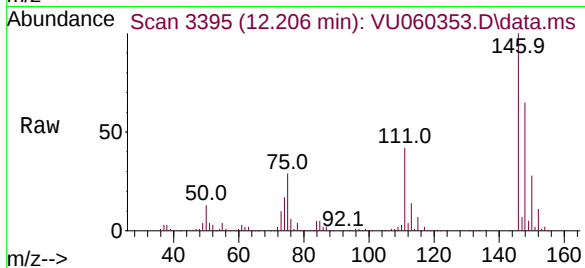
Tgt Ion:146 Resp: 462188

Ion Ratio Lower Upper

146 100

111 41.6 32.0 48.0

148 64.7 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 19.454 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

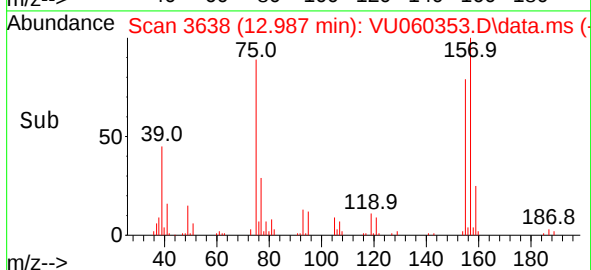
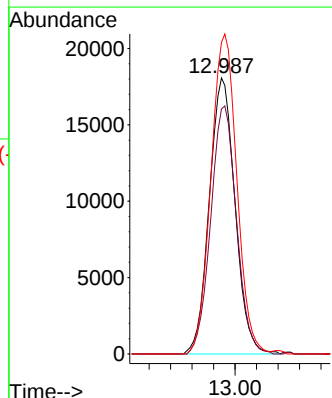
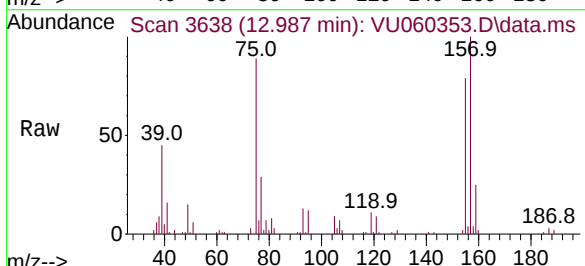
Tgt Ion: 75 Resp: 29987

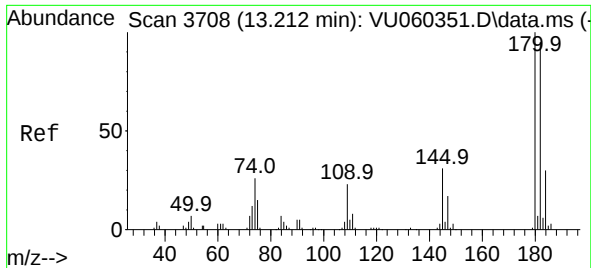
Ion Ratio Lower Upper

75 100

155 88.7 64.3 96.5

157 112.8 88.0 132.0





#69

1,3,5-Trichlorobenzene

Concen: 19.941 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. -0.000 min

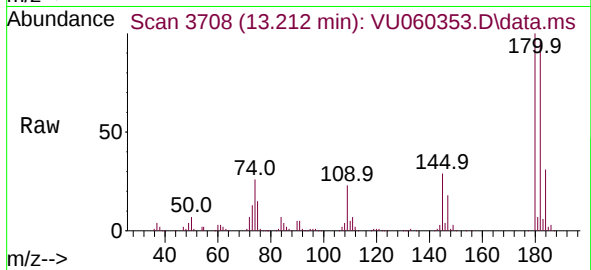
Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 389028

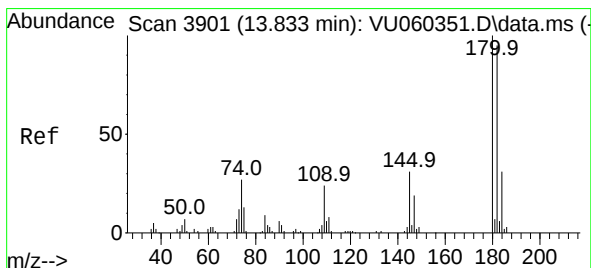
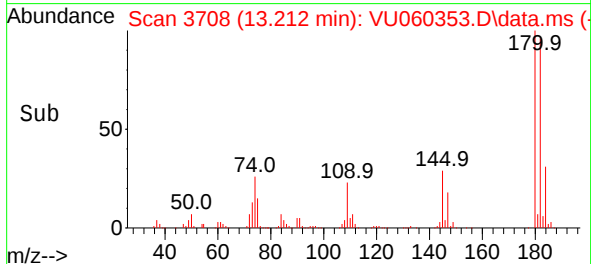
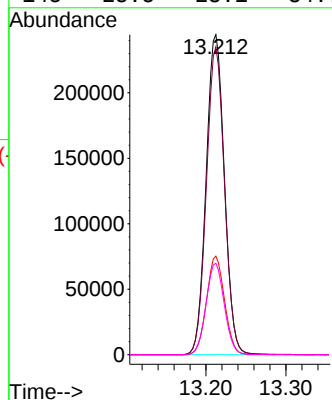
Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

184 30.4 23.8 35.8

145 28.5 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 21.857 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

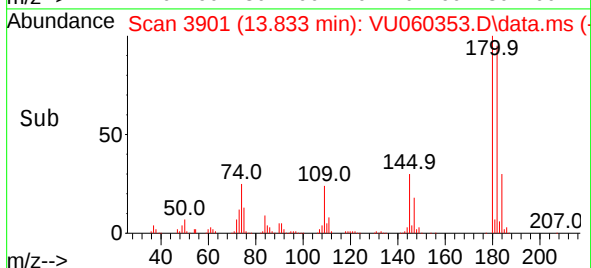
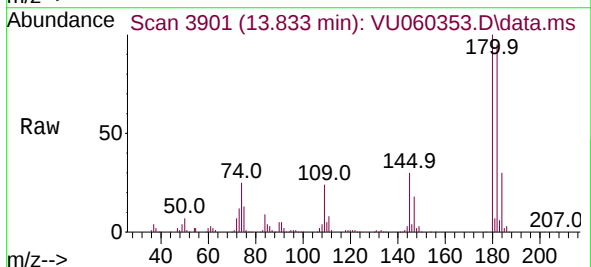
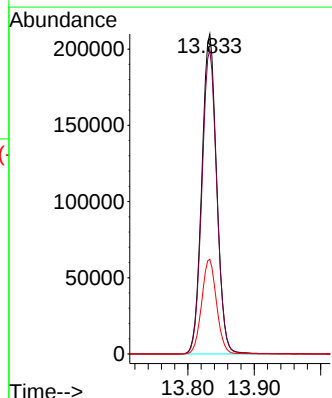
Tgt Ion:180 Resp: 327801

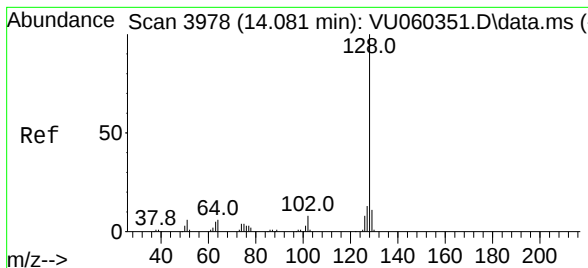
Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

145 29.6 23.7 35.5





#71

Naphthalene

Concen: 25.243 ug/L

RT: 14.077 min Scan# 3977

Delta R.T. -0.003 min

Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

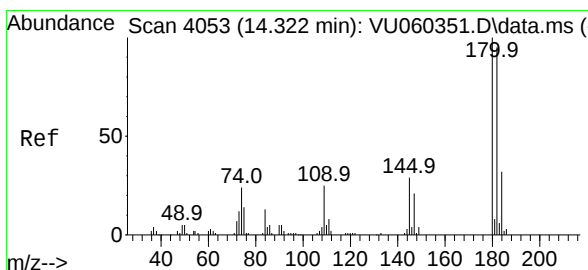
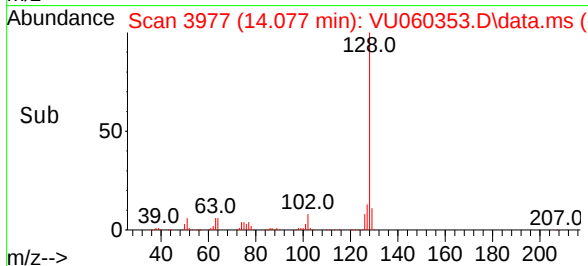
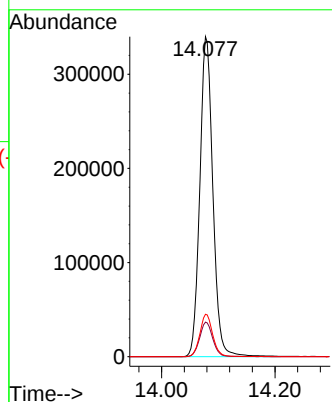
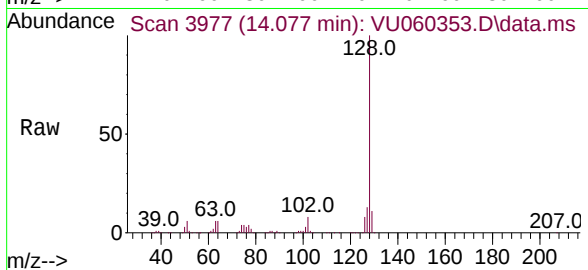
Tgt Ion:128 Resp: 542681

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 13.1 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 21.683 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU060353.D

Acq: 08 Aug 2024 12:49

Tgt Ion:180 Resp: 291536

Ion Ratio Lower Upper

180 100

182 96.2 75.7 113.5

145 30.5 23.7 35.5

